



for
Automotive, Aircraft, Industrial and
Farm Equipment Maintenance

CATALOG No. 46J
for JOBBER SALESMEN

THIS CATALOG does not show the complete line of Bonney Tools. The items shown have been selected because they represent that part of the Bonney Line for which Jobber Salesmen have the greatest call.

The catalog has been printed on light weight paper, small illustrations have been used and

descriptive material has been condensed to keep the book small and light in weight. Place it in your catalog now so that you do not miss any sales for Bonney Tools.

For any items not shown in this book refer to the catalog covering the complete Bonney Line.

BONNEY FORGE & TOOL WORKS

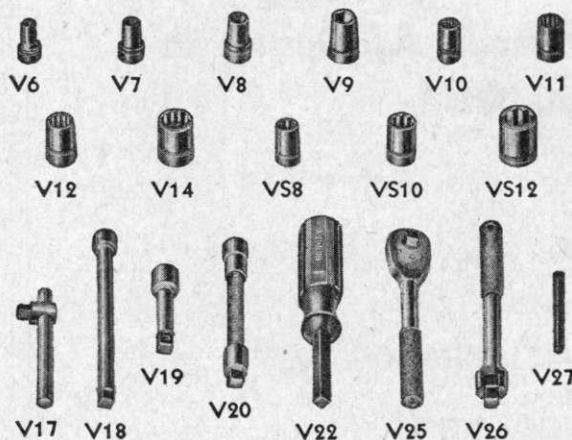
ALLENTOWN, PA. U. S. A.



BONALOY Sockets

1/4 inch Square Drive

Extra-Small Socket Series and Attachments
Chromium Plated

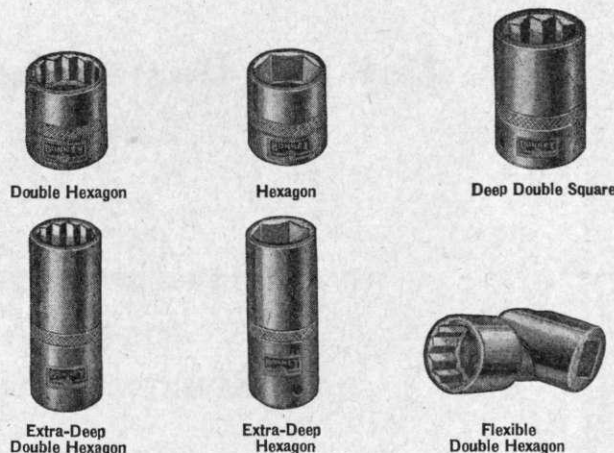


No.	Description
V6	3/16" Hexagon Socket
V7	1/8" Hexagon Socket
V8	1/4" Hexagon Socket
V9	3/8" Hexagon Socket
V10	1/2" Double Hexagon Socket
V11	11/16" Double Hexagon Socket
V12	3/4" Double Hexagon Socket
V14	7/8" Double Hexagon Socket
V17	Sliding "T" Handle, 4 1/2" long
V18	Extension, 6" long
V19	Extension, 2" long
V22	Spinner Handle, non-conductor type, 6" overall
V25	Reversible Ratchet, 4 1/2" long
V26	Hinge Handle, 5 3/4" long
V27	Cross Handle for V26, 3 1/2" long
VS8	1/4" Double Square Socket
VS10	3/8" Double Square Socket
VS12	1/2" Double Square Socket

BONALOY Sockets

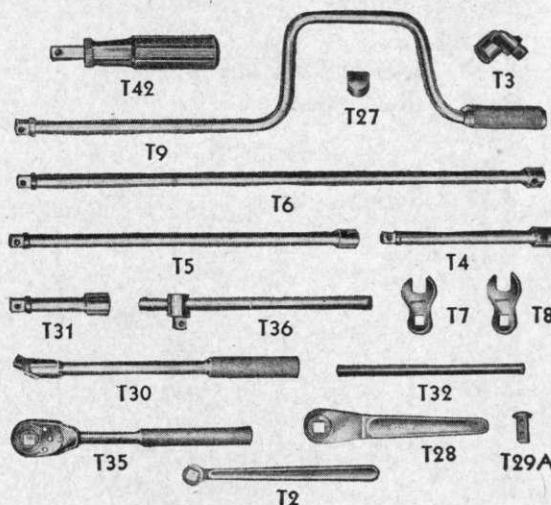
3/8 inch Square Drive

Small Series Sockets and Attachments
Chromium Plated



Size Opening	Double Hexagon No.	Hexagon No.	Deep Double Square No.	Extra-Deep Double Hexagon No.	Extra-Deep Hexagon No.	Flexible Double Hexagon No.
5/16"	T10	TH10	—	—	—	—
3/8"	T12	TH12	TS12	LT12	—	—
1/2"	T14	TH14	TS14	LT14	T140	TU14
5/8"	T16	TH16	TS16	LT16	T160	TU16
3/4"	T18	TH18	TS18	LT18	T180	TU18
7/8"	T19	—	—	—	—	—
1 1/8"	T20	TH20	TS20	LT20	T200	TU20
1 1/4"	T22	TH22	—	LT22	T220	—
1 1/2"	T24	TH24	—	LT24	T240	—
1 3/4"	T26	—	—	LT26	T260	—
2"	T128	—	—	LT28	T280	—

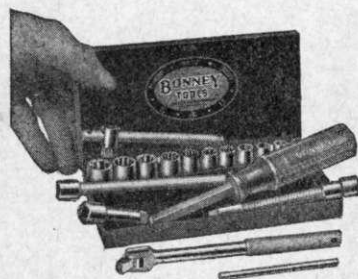
Small Series Attachments



No.	Description
T2	Offset Handle, 7" long
T3	Universal Joint
T4	Extension, 6" long
T5	Extension, 12" long
T6	Extension, 17" long
T7	1/2" Crowfoot Attachment
T8	3/4" Crowfoot Attachment
T9	Speeder, 17 1/2" long
T27	Drag Link Socket
T28	Ratchet Handle with lug, 6 1/2" long
T29A	Lug for Ratchet No. T28
T30	Hinge Handle, 8 1/2" long
T31	Extension, 3" long
T32	Cross Handle, 6" long, for T4, T5, T6, T30
T35	Reversible Ratchet, 7" long
T36	Sliding "T" Handle, 8" long
T42	Spinner Handle, non-conductor type, 5 1/8" long

No. V51 Set - 17 Pieces

1/4 inch Square Drive



heat-treated and fully chrome plated.

Contents include four hexagon sockets with 3/16", 7/32", 1/4" and 3/8" openings; four double hexagon sockets with 5/16", 11/32", 3/8" and 7/16" openings; three double square sockets with 1/4", 5/16" and 3/8" openings; and one each of the following attachments: 4 1/2" sliding "T" handle; 2" extension; 6" extension; 6" non-conductor type spinner handle; 5 3/4" hinge handle and 3 1/2" cross handle.

The set is packed in a strong, attractively finished pocket-size metal box measuring 6 1/4" x 3" x 1", net weight 1 3/4 lbs.



No. TD10 Set - 11 Pieces

3/8 inch Square Drive



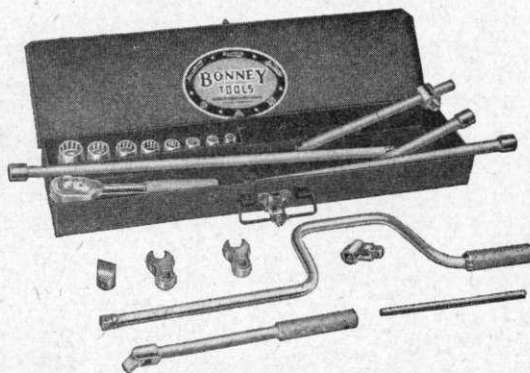
The No. TD10 Set is designed especially for those who want quality with a minimum investment. Contains 11 pieces, each selected for the large number of uses to which it may be put. All are made of

Bonaloy Steel, carefully heat-treated and fully chrome plated. Packed complete in an attractively finished metal box measuring 12 1/2" x 2 5/8" x 1 3/4".

Contains six double hexagon sockets with 5/16", 3/8", 7/16", 1/2", 9/16" and 5/8" openings; universal joint; 6" extension; 12" extension; 6" cross handle and 8" sliding "T" handle. Net weight 2 3/8 lbs.

No. TD12 Set - 20 Pieces

3/8 inch Square Drive



A complete, compact set of small series sockets and attachments that is ideal for service work on cars, trucks, tractors, aircraft engines—in fact, wherever tools of this type and size are required. All pieces are made of Bonaloy Steel, heat-treated and finished in beautiful chrome plate.

Contents include eight double hexagon sockets with 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" and 3/4" openings; universal joint; 6" extension; 12" extension; 17" extension; 1/2" and 9/16" crowfoot attachments; 17 1/2" speeder; drag link socket; 8 1/2" hinge handle; 6" cross handle; 7 1/2" reversible ratchet and 8" sliding "T" handle.

The set is furnished in a fine metal case with carrying handle, measuring 18" x 4 1/4" x 1 1/2". Net weight 7 1/2 lbs.

BONALOY Sockets

1/2 inch Square Drive

Standard Series Sockets Chromium Plated



Straight Wall
Double Hexagon



Hexagon



Double Square

Size Opening	Straight Wall Double Hexagon No.	Hexagon No.	Double Square No.	Size Opening
3/8"	A12	4012	4112	3/8"
7/16"	A14	4014	4114	7/16"
1/2"	A16	4016	4116	1/2"
9/16"	A18	4018	4118	9/16"
5/8"	A19	4019	—	5/8"
11/16"	A20	4020	4120	11/16"
3/4"	A22	4022	4122	3/4"
13/16"	A24	4024	4124	13/16"
7/8"	A25	4025	—	7/8"
15/16"	A26	4026	—	15/16"
1"	A28	4028	4128	1"
1 1/8"	A30	4030	—	1 1/8"
1 1/4"	A31	4031	—	1 1/4"
1 1/2"	A32	4032	4132	1 1/2"
1 3/4"	A34	—	—	1 3/4"
2"	A36	—	—	2"
2 1/4"	A38	—	—	2 1/4"
2 1/2"	A40	—	—	2 1/2"

BONALOY Sockets

1/2 inch Square Drive

Extra-Deep Double Hexagon

Standard Series Sockets Chromium Plated

Bonaloy Extra-Deep Sockets find many applications but are especially suitable for removing and replacing spark plugs.

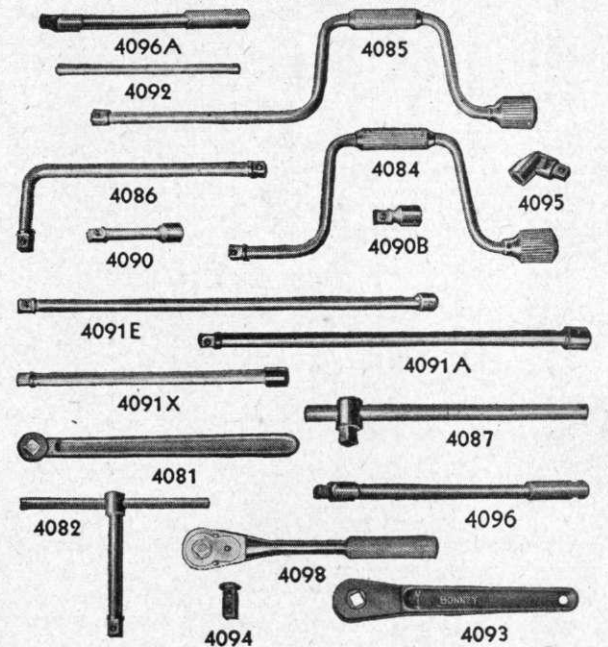
Their overall length, 3 1/4", and the exceptional depth of their openings, give them an added advantage over ordinary sockets of similar type. They are made of Bonaloy Steel, heat-treated, heavily chrome plated and polished to a high permanent lustre. They have hole for use with No. 4092 Cross Handle.

No.	Size Opening	Length	Diameter
LD16	1/2"	3 1/4"	3/4"
LD18	9/16"	3 1/4"	13/16"
LD20	5/8"	3 1/4"	7/8"
LD22	11/16"	3 1/4"	15/16"
LD24	3/4"	3 1/4"	1 1/16"
LD26T	13/16"	3 1/4"	1 1/8"
LD28	7/8"	3 1/4"	1 3/16"
LD28T	15/16"	3 1/4"	1 5/8"
LD30	1"	3 1/4"	1 7/8"
LD32	1 1/8"	3 1/4"	2"
LD34	1 1/4"	3 1/4"	2 1/8"
LD36	1 1/2"	3 1/4"	2 3/8"

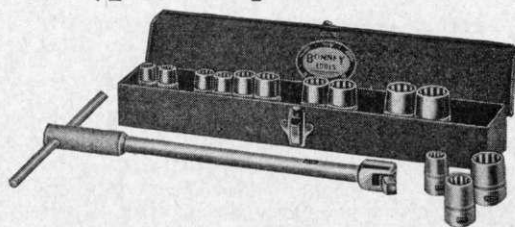


1/2 inch Square Drive

Standard Series Attachments Chromium Plated



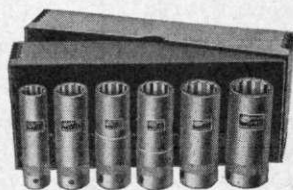
No.	Description
4081	Offset Handle, 11" long
4082	"T" Handle, 6" long
4084	Speeder, 14" long
4085	Speeder, 19 3/4" long
4086	Offset Handle, 10" long
4087	Sliding "T" Handle, 11" long
4087A	Sliding "T" Handle, 15" long
4090	Extension, 5" long
4090B	Extension, 2" long
4091X	Extension, 10" long
4091A	Extension, 20" long
4091E	Extension, 26" long
4092	Cross Handle for 4090, 4091X, 4091A, 4091E, 4096, 4096A, 8" long
4093	Ratchet with lug, 9 5/8" long
4094	Lug for Ratchet No. 4093
4095	Universal Joint
4096	Hinge Handle, 15" long
4096A	Hinge Handle, 11" long
4098	Reversible Ratchet, 10" long

**No. A2 Set-15 Pieces****1/2 inch Square Drive**

A very fine complete set of straight-wall, double hexagon sockets with hinge handle that can be used on a wide variety of jobs. All pieces are made of Bonaloy Steel, "custom" heat-treated, heavily chrome plated and polished.

Contents include one each of the following straight-wall, double hexagon sockets: $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", $\frac{31}{32}$ ", and 1"; also one 15" hinge handle and one cross handle.

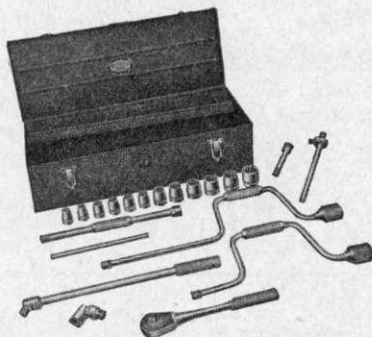
Furnished complete in strong, attractively finished metal box measuring $15\frac{1}{8}$ " x $2\frac{1}{4}$ " x $1\frac{5}{8}$ ". Net weight in metal box $6\frac{1}{4}$ lbs.

No. LD1 Spark Plug Set-6 Pcs.**1/2 inch Square Drive**

The No. LD1 Spark Plug Set contains six Extra-deep Double Hexagon sockets for $\frac{1}{2}$ " square drive which are ideal for the removal and replacement of spark plugs on practically all makes of cars and trucks.

All are made of Bonaloy Steel, carefully heat-treated, chrome-plated and polished. A hole is drilled in the attachment end of the socket which permits their use with the No. 4092 cross handle.

Included are one each: No. LD20, LD22, LD26T, LD28T, LD30 and LD32 with $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ " and 1" openings respectively. They are packed in a convenient cardboard box.

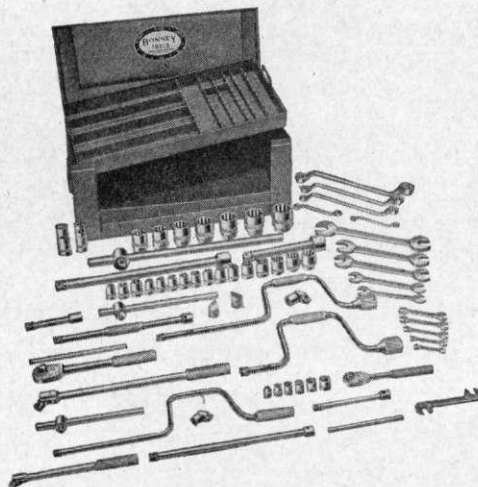
No. RS1 Set - 21 Pieces**1/2 inch Square Drive**

The wide variety of attachments included in the No. RS1 Set permits the assembly of combinations to reach into the really "hard-to-get-at" places.

All pieces are made of Bonaloy Steel, heavily chrome-plated and given a "custom" heat treatment.

Included are one each of the following straight-wall double hexagon sockets: $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", 1"; and one each 14" speeder; $19\frac{3}{4}$ " speeder; 11" sliding "T" handle; 5" extension; 10" extension; 8" cross handle; universal joint; 15" hinge handle; 10" reversible ratchet.

The attractively finished, sturdy metal box, measuring 20" x 8" x 5" has ample room for the addition of other Bonney Tools from time to time. Net weight, with box, 22 lbs.

No. MC1 Bench Set**69 Pieces**

The assortment of tools included in the No. MC1 Set is well adapted to "all-around" work in garages, service stations and implement repair shops. Mechanics find it an "all-purpose" set hard to beat.

Each one of the 69 pieces is light in weight, well-balanced, sturdily made.

Included in the set are the following:

3/8" Square Drive Sockets and Attachments

Double hexagon sockets with $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ " and $\frac{5}{8}$ " openings; universal joint; 6" extension; 12" extension; $17\frac{1}{2}$ " speeder; $8\frac{1}{2}$ " hinge handle; 6" cross handle; $7\frac{1}{2}$ " reversible ratchet; 8" sliding "T" handle.

1/2" Square Drive Sockets and Attachments

Double square sockets with $\frac{1}{16}$ ", $\frac{1}{2}$ " and $\frac{9}{16}$ " openings; straight-wall double hexagon sockets with $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", $\frac{31}{32}$ " and 1" openings; double hexagon socket with $2\frac{1}{32}$ " opening for adjusting connecting rod bearing cap nuts on Ford models "A" and "AA"; $1\frac{1}{16}$ " drag link socket; $1\frac{3}{16}$ " drag link socket; extra-deep, double hexagon sockets with $\frac{13}{16}$ " and $\frac{7}{8}$ " openings; 14" speeder, $19\frac{3}{4}$ " speeder; 11" sliding "T" handle; 5" and 10" extensions; 8" cross handle; universal joint; 15" hinge handle and 10" reversible ratchet.

3/4" Square Drive Sockets and Attachments

Double hexagon sockets with $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{11}{16}$ ", $\frac{13}{16}$ ", $\frac{15}{16}$ ", 1" openings; 20" sliding "T" handle; $8\frac{1}{2}$ " and 17" extensions.

Wrenches

Miniature open end wrenches with $\frac{3}{16}$ " and $\frac{7}{32}$ ", $\frac{1}{4}$ " and $\frac{9}{32}$ ", $\frac{5}{16}$ " and $\frac{11}{32}$ ", $\frac{3}{8}$ " and $\frac{1}{2}$ " and $\frac{13}{32}$ " and $\frac{15}{32}$ " openings.

Bonaloy open end wrenches with $\frac{1}{2}$ " and $\frac{9}{16}$ ", $\frac{5}{8}$ " and $\frac{11}{16}$ ", $\frac{3}{4}$ " and $\frac{13}{16}$ ", $\frac{7}{8}$ " and $\frac{15}{16}$ " and 1" and $1\frac{1}{8}$ " openings.

Bonaloy right-angle wrench with $\frac{1}{2}$ " and $\frac{9}{16}$ " openings.

Bonaloy double offset box wrenches with $\frac{3}{8}$ " and $\frac{1}{2}$ ", $\frac{5}{8}$ " and $\frac{11}{16}$ ", $\frac{3}{4}$ " and $\frac{7}{8}$ " and $\frac{15}{16}$ " and 1" openings.

The set is furnished in a well-constructed, attractively finished metal box with removable tray, tumbler type lock and end carrying handles. It measures $22\frac{3}{4}$ " x $10\frac{3}{4}$ " x 9". Net weight of the complete set—tools and box is 60 lbs.



BONALOY

Special Attachments

1/2" Square Drive

No. 2591 Stud Wrench



The No. 2591 stud wrench will be found indispensable for removing and setting studs from $\frac{5}{16}$ " to $\frac{3}{4}$ " in diameter. It has an eccentrically mounted roller with a deeply milled edge which provides a non-slipping, non-burring, gripping device. It is made entirely of Bonaloy Steel, chrome plated and polished.

No. F18 Connecting Rod Socket for Ford V8



A special socket for adjusting connecting rod bearing cap nuts on Ford V8 cars and trucks. It has $\frac{9}{16}$ " hexagon opening and is equipped for $\frac{1}{2}$ " square drive. The nose of the socket is very thin to make this adjustment easily and quickly.

Made of Bonaloy Steel, given a "custom" heat-treatment, it is fully chrome plated and polished. Because of the unusually thin wall construction, this socket cannot be guaranteed.

Drag Link Sockets



No. 4001—The blade is $\frac{15}{16}$ " wide and is for use with $\frac{1}{2}$ " drive attachments. It will be found suitable for making drag link adjustments on most makes of passenger cars. It is made of Bonaloy Steel, heat-treated and fully chrome plated.

No. 4002—This drag link socket is designed for drag link adjustments on trucks. The blade is $1\frac{3}{16}$ " wide. It is also made of Bonaloy Steel, carefully heat-treated and chrome plated. Designed for use with $\frac{1}{2}$ " square drive attachments.

Crowfoot Attachments



These crowfoot attachments are designed for reaching nuts and bolts normally inaccessible with ordinary wrenches and sockets. Drop forged of Bonaloy Steel, they have "pull-broached" double hexagon openings, are carefully heat-treated and chrome plated. Equipped with $\frac{1}{2}$ " square drive.

No.	Size Openings
2866	$\frac{1}{2}$ " Double hexagon
2868	$\frac{5}{16}$ " Double hexagon
2870	$\frac{3}{8}$ " Double hexagon
2872	$1\frac{1}{16}$ " Double hexagon
2874	$\frac{3}{4}$ " Double hexagon



Adapters

This series of adapters is designed with square female openings. All have square male drive. They are made of Bonaloy Steel, heat-treated and completely chrome plated.

No.	Sizes	
	Female Opening	Male End
4298	$\frac{1}{2}$ " square	$\frac{3}{4}$ " square
4299	$\frac{1}{2}$ " square	$\frac{3}{4}$ " square
4206	$\frac{1}{2}$ " square	$\frac{1}{2}$ " square
4211	$\frac{1}{2}$ " square	$\frac{1}{2}$ " square
4213	$\frac{1}{2}$ " square	$\frac{3}{4}$ " square
4215	$\frac{3}{8}$ " square	$\frac{1}{2}$ " square

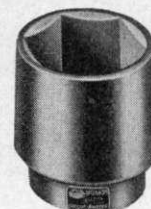
BONALOY Sockets

3/4 inch Square Drive

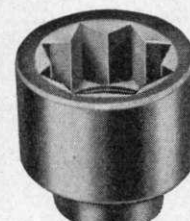
Heavy Duty Sockets and Attachments
Chromium Plated



Double Hexagon Socket



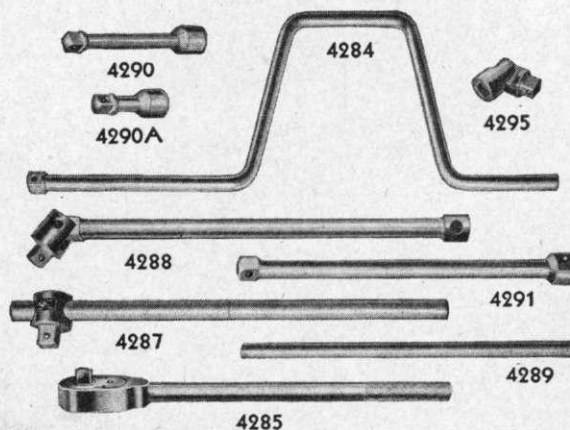
Hexagon Socket



Double Square Socket

Size Opening	Double Hexagon No.	Hexagon No.	Double Square No.
$\frac{7}{8}$ "	HD28	—	S4228
$1\frac{1}{16}$ "	HD30	—	—
$1\frac{1}{8}$ "	HD31	—	—
$1\frac{1}{4}$ "	HD32	—	S4232
$1\frac{1}{2}$ "	HD34	—	S4234
$1\frac{3}{8}$ "	HD36	—	—
$1\frac{7}{8}$ "	HD38	—	—
$1\frac{1}{2}$ "	HD40	—	S4240
$1\frac{3}{4}$ "	HD42	—	—
$1\frac{7}{8}$ "	HD44	—	—
$1\frac{1}{2}$ "	HD46	—	S4246
$1\frac{3}{4}$ "	HD48	—	—
$1\frac{7}{8}$ "	HD50	—	—
$1\frac{3}{4}$ "	HD52	—	—
$1\frac{1}{2}$ "	HD54	—	—
$1\frac{3}{4}$ "	HD56	—	—
$1\frac{1}{2}$ "	HD58	—	—
$1\frac{3}{4}$ "	HD60	—	—
$2\frac{1}{4}$ "	HD64	—	—
$2\frac{1}{2}$ "	—	4266	—
$2\frac{3}{4}$ "	—	4268	—
$2\frac{1}{2}$ "	—	4270	—
$2\frac{3}{4}$ "	—	4272	—

Attachments

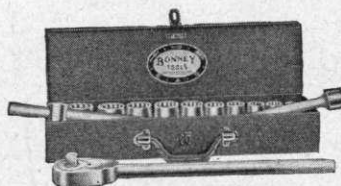


No.	Description
4284	Speeder, 28" long
4285	Reversible Ratchet Handle, 20" long
4287	Sliding "T" Handle, 20" long
4288	Hinge Handle, 22" long
4289	Cross Handle for No. 4288, 16 $\frac{3}{8}$ " long
4290	Extension, 8 $\frac{1}{2}$ " long
4290A	Extension, 4" long
4291	Extension, 16 $\frac{1}{2}$ " long
4295	Universal Joint



No. HD Set-14 Pcs.

$\frac{3}{4}$ inch Square Drive



The No. HD Set is especially adapted to heavy duty work on trucks, buses, tractors and industrial machinery.

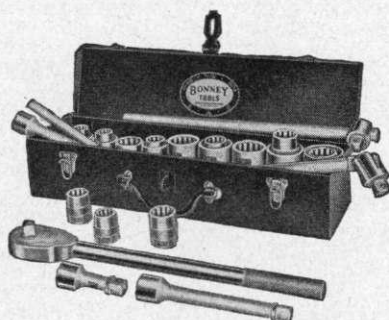
All pieces are made of Bonaloy Steel, carefully heat-treated and heavily chrome plated.

Contents include the following double hexagon sockets; $1\frac{5}{16}$ ", $1\frac{3}{16}$ ", 1", $1\frac{1}{16}$ ", $1\frac{1}{8}$ ", $1\frac{1}{4}$ ", $1\frac{3}{8}$ ", $1\frac{1}{2}$ ", $1\frac{5}{8}$ " openings; and one each 20" reversible ratchet; 20" sliding "T" handle; $8\frac{1}{2}$ " and 17" extensions.

The set is furnished in a strong, attractively finished metal box with sturdy carrying handle and padlock hasp. It measures $20\frac{1}{2}$ " x $5\frac{3}{4}$ " x 3". Net weight complete 27 lbs.

No. HD1 Set - 25 Pieces

$\frac{3}{4}$ inch Square Drive



An exceptionally complete set of sockets and attachments that will take care of practically any job encountered where $\frac{3}{4}$ " square drive is necessary.

All pieces are made of Bonaloy Steel, "custom" heat-treated and fully chrome plated.

Included are the following double hexagon sockets: $1\frac{5}{16}$ ", $1\frac{3}{16}$ ", 1", $1\frac{1}{16}$ ", $1\frac{1}{8}$ ", $1\frac{1}{4}$ ", $1\frac{3}{8}$ ", $1\frac{1}{2}$ ", $1\frac{5}{8}$ " openings and the following attachments: 20" reversible ratchet; 20" sliding "T" handle; 22" hinge handle; $16\frac{3}{8}$ " cross handle; 4", $8\frac{1}{2}$ " and $16\frac{1}{2}$ " extensions.

The set is furnished in a well-made, attractively finished metal box with strong carrying handle and padlock hasp. It measures $22\frac{1}{2}$ " x $5\frac{1}{2}$ " x $4\frac{1}{2}$ ". Net weight complete with box 55 lbs.

BONALOY Sockets

1 inch Square Drive

Extra-Heavy Duty Sockets and Attachments
Chromium Plated



X46 to X100



X33



X32



X30



X29



X31

Hexagon Sockets

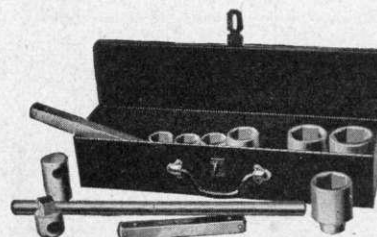
No.	Size Openings	No.	Size Openings
X46	$1\frac{1}{16}$ "	X76	$2\frac{3}{8}$ "
X48	$1\frac{1}{8}$ "	X78	$2\frac{1}{2}$ "
X52	$1\frac{3}{8}$ "	X80	$2\frac{1}{2}$ "
X58	$1\frac{13}{16}$ "	X82	$2\frac{5}{8}$ "
X60	$1\frac{7}{8}$ "	X84	$2\frac{5}{8}$ "
X64	$2\frac{1}{8}$ "	X88	$2\frac{3}{4}$ "
X70	$2\frac{5}{16}$ "	X94	$2\frac{15}{16}$ "
X72	$2\frac{1}{4}$ "	X100	$3\frac{1}{8}$ "

Attachments

No.	Description
X29	Extension, $8\frac{1}{2}$ " long
X30	Extension, $17\frac{1}{2}$ " long
X31	Sliding Bar, 22" long
X32	Drive Head, Male
X33	Drive Head, Female

No. XH Set - 12 Pieces

1 inch Square Drive



The No. XH Set is ideal for those whose work includes servicing of the heaviest trucks, buses, tractors and industrial machinery. The 1" square drive permits turning the largest nuts with ease.

Included are hexagon sockets with $1\frac{7}{16}$ ", $1\frac{1}{2}$ ", $1\frac{5}{8}$ ", $1\frac{13}{16}$ ", 2", $2\frac{3}{16}$ " and $2\frac{3}{8}$ " openings; 9" and 18" extensions; 22" sliding bar; male and female drive heads.

The strong-metal box with a durable attractive finish has sturdy carrying handle, two end catches and padlock hasp. It measures $22\frac{1}{2}$ " x $5\frac{1}{2}$ " x $4\frac{1}{2}$ ". Complete with box, the set weighs 42 lbs.

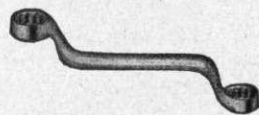


BONALOY Box Wrenches

Double Offset Type

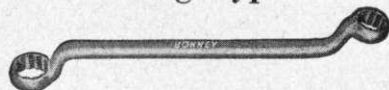
Double Hexagon Openings

Short Type



No.	Size Openings	Length	Amer. Std. Reg. Bolts	Amer. Std. Reg. Nuts Size Bolts	Amer. Std. Light Nuts (S.A.E.); Size Bolts
2803	$\frac{5}{16}$ " & $\frac{3}{8}$ "	4 $\frac{1}{2}$ "	—	—	—
2804	$\frac{7}{8}$ " & $\frac{1}{2}$ "	4 $\frac{3}{4}$ "	$\frac{1}{4}$ " & $\frac{1}{4}$ "	—	$\frac{1}{4}$ " & $\frac{1}{4}$ "
2805A	$\frac{7}{8}$ " & $\frac{1}{2}$ "	5 $\frac{1}{2}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "
2805	$\frac{7}{8}$ " & $\frac{1}{2}$ "	5 $\frac{3}{4}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2806	$\frac{7}{8}$ " & $\frac{1}{2}$ "	5 $\frac{3}{4}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "
2806C	$\frac{7}{8}$ " & $\frac{1}{2}$ "	6"	$\frac{7}{16}$ " & —	$\frac{7}{16}$ " & —	$\frac{7}{16}$ " & —

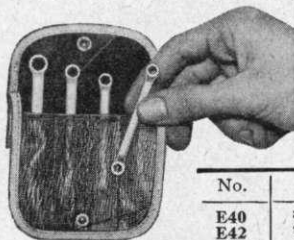
Long Type



No.	Size Openings	Length	Amer. Std. Reg. Bolts	Amer. Std. Reg. Nuts Size Bolts	Amer. Std. Light Nuts (S.A.E.); Size Bolts	
2804L	$\frac{3}{8}$ " & $\frac{1}{2}$ "	8 $\frac{1}{2}$ "	$\frac{1}{4}$ " & $\frac{1}{4}$ "	$\frac{1}{4}$ " & $\frac{1}{4}$ "	$\frac{1}{4}$ " & $\frac{1}{4}$ "	
2804C	$\frac{1}{2}$ " & $\frac{1}{2}$ "	8 $\frac{3}{4}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	
2805L	$\frac{1}{2}$ " & $\frac{1}{2}$ "	9"	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	
2806L	$\frac{1}{2}$ " & $\frac{1}{2}$ "	9 $\frac{1}{2}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	
2807A	$\frac{1}{2}$ " & $\frac{1}{2}$ "	11"	$\frac{7}{16}$ " & $\frac{1}{2}$ "	$\frac{7}{16}$ " & $\frac{1}{2}$ "	$\frac{7}{16}$ " & $\frac{1}{2}$ "	
2807	$\frac{1}{2}$ " & $\frac{1}{2}$ "	11"	$\frac{7}{16}$ " & $\frac{1}{2}$ "	$\frac{7}{16}$ " & $\frac{1}{2}$ "	$\frac{7}{16}$ " & $\frac{1}{2}$ "	
2808B	$\frac{1}{2}$ " & $\frac{1}{2}$ "	11 $\frac{1}{2}$ "	$\frac{1}{2}$ " & $\frac{9}{16}$ "	$\frac{1}{2}$ " & $\frac{9}{16}$ "	$\frac{1}{2}$ " & $\frac{9}{16}$ "	
2808	$\frac{1}{2}$ " & $\frac{1}{2}$ "	11 $\frac{1}{2}$ "	$\frac{1}{2}$ " & $\frac{9}{16}$ "	$\frac{1}{2}$ " & $\frac{9}{16}$ "	$\frac{1}{2}$ " & $\frac{9}{16}$ "	
2809A	$\frac{1}{2}$ " & $\frac{1}{2}$ "	12 $\frac{1}{2}$ "	$\frac{1}{2}$ " & $\frac{9}{16}$ "	$\frac{1}{2}$ " & $\frac{9}{16}$ "	$\frac{1}{2}$ " & $\frac{9}{16}$ "	
2809C	$\frac{1}{2}$ " & $\frac{1}{2}$ "	12 $\frac{1}{2}$ "	$\frac{1}{2}$ " & $\frac{9}{16}$ "	$\frac{1}{2}$ " & $\frac{9}{16}$ "	$\frac{1}{2}$ " & $\frac{9}{16}$ "	
2809	$\frac{1}{2}$ " & $\frac{1}{2}$ "	12 $\frac{1}{2}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	
2810B	$\frac{1}{2}$ " & $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	
2810C	$\frac{1}{2}$ " & $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	
2810A	$\frac{1}{2}$ " & $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	
2810	$\frac{1}{2}$ " & $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	
2811E	$\frac{1}{2}$ " & $\frac{1}{2}$ "	14 $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	
2811B	$\frac{1}{2}$ " & $\frac{1}{2}$ "	14 $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	
2811A	$\frac{1}{2}$ " & $\frac{1}{2}$ "	14 $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{1}{2}$ "	
2811	$\frac{1}{2}$ " & $\frac{1}{2}$ "	14 $\frac{1}{2}$ "	$\frac{5}{8}$ " & $\frac{3}{4}$ "	$\frac{5}{8}$ " & $\frac{3}{4}$ "	$\frac{5}{8}$ " & $\frac{3}{4}$ "	
2812B	$\frac{1}{2}$ " & $\frac{1}{2}$ "	16 $\frac{1}{2}$ "	$\frac{3}{4}$ " & $\frac{3}{4}$ "	$\frac{3}{4}$ " & $\frac{3}{4}$ "	$\frac{3}{4}$ " & $\frac{3}{4}$ "	
2812C	$\frac{1}{2}$ " & $\frac{1}{2}$ "	16 $\frac{1}{2}$ "	$\frac{3}{4}$ " & $\frac{3}{4}$ "	$\frac{3}{4}$ " & $\frac{3}{4}$ "	$\frac{3}{4}$ " & $\frac{3}{4}$ "	
2812	$\frac{1}{2}$ " & $\frac{1}{2}$ "	18"	—	—	—	—
2812A	$\frac{1}{2}$ " & $\frac{1}{2}$ "	20"	—	—	—	—
2813	$\frac{1}{2}$ " & $\frac{1}{2}$ "	23"	—	—	—	—
2815	$\frac{1}{2}$ " & $\frac{1}{2}$ "	24"	—	—	—	—
2815B	$\frac{1}{2}$ " & $\frac{1}{2}$ "	24"	$\frac{1}{4}$ " & $\frac{1}{4}$ "	$\frac{1}{4}$ " & $\frac{1}{4}$ "	$\frac{1}{4}$ " & $\frac{1}{4}$ "	
2815A	$\frac{1}{2}$ " & $\frac{1}{2}$ "	26"	—	—	—	—
2819	$\frac{1}{2}$ " & $\frac{1}{2}$ "	26"	—	—	—	—
2821	$\frac{1}{2}$ " & $\frac{1}{2}$ "	28"	—	—	—	—

BONALOY Extra-Small Box Wrenches

Double Offset Type



No. 21 Set

Bonaloy Extra-Small Box Wrenches are ideal for generator, carburetor, starter, electrical and ignition work where parts are small and space in which to work is limited. They are drop forged of Bonaloy Steel, heat-treated and chrome plated with polished heads.

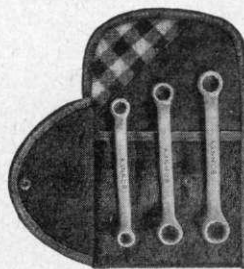
No.	Size Openings	Length
E40	$\frac{3}{16}$ " & $\frac{1}{8}$ " Hexagon	2 $\frac{1}{2}$ "
E42	$\frac{1}{4}$ " & $\frac{3}{16}$ " Hexagon	3 $\frac{1}{2}$ "
E44	$\frac{1}{4}$ " & $\frac{1}{2}$ " Double Hexagon	3 $\frac{3}{4}$ "
E46	$\frac{1}{4}$ " & $\frac{1}{2}$ " Double Hexagon	3 $\frac{3}{4}$ "

No. 21 Set - 4 Pieces

The No. 21 Set consists of one each No. E40, No. E42, No. E44 and No. E46 Bonaloy Extra-Small Box Wrenches described above. The set is available in leatherette roll as illustrated or in cardboard box.

No. 29A Set

3 Pieces



The No. 29 Set contains three Bonaloy double offset, short type box wrenches with double hexagon openings. Included are one each Nos. 2804, 2805 and 2806C with $\frac{3}{8}$ " & $\frac{1}{2}$ " openings. They are exactly as described in the opposite column. The set may be had in substantial cardboard box or handy leatherette roll.

BONALOY Box Wrenches

15° ANGLE TYPE

Double Hexagon Openings

Bonaloy 15° Angle Box Wrenches are designed for work in locations with low overhead clearance. Either side of the head may be applied.

Drop forged of Bonaloy Steel and carefully heat-treated, they have long, thin, oval-shaped handles which provide a firm, comfortable grip. Box walls are thin. Double hexagon openings are accurately and cleanly pull-broached. They are finished in rust-resisting chrome plate with polished heads.

Short Type



No.	Size Openings	Length	Amer. Std. Reg. Bolts	Amer. Std. Reg. Nuts Size Bolts	Amer. Std. Light Nuts (S.A.E.); Size Bolts
2885	$\frac{5}{16}$ " & $\frac{3}{8}$ "	4"	$\frac{1}{4}$ " & $\frac{1}{4}$ "	—	—
2886	$\frac{3}{8}$ " & $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "
2887	$\frac{1}{2}$ " & $\frac{3}{8}$ "	5"	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2888	$\frac{1}{2}$ " & $\frac{3}{8}$ "	5 $\frac{1}{2}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2889	$\frac{1}{2}$ " & $\frac{3}{8}$ "	6"	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "

Long Type



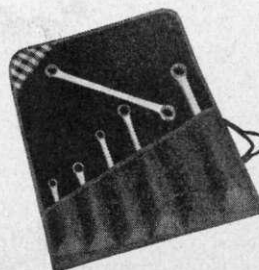
No.	Size Openings	Length	Amer. Std. Reg. Bolts	Amer. Std. Reg. Nuts Size Bolts	Amer. Std. Light Nuts (S.A.E.); Size Bolts
2890	$\frac{3}{8}$ " & $\frac{1}{2}$ "	7 $\frac{5}{8}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "
2890C	$\frac{1}{2}$ " & $\frac{1}{2}$ "	7 $\frac{5}{8}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "
2891	$\frac{1}{2}$ " & $\frac{1}{2}$ "	8 $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2891A	$\frac{1}{2}$ " & $\frac{1}{2}$ "	8 $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2891C	$\frac{1}{2}$ " & $\frac{1}{2}$ "	9 $\frac{1}{2}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "
2892	$\frac{1}{2}$ " & $\frac{1}{2}$ "	9 $\frac{1}{2}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "
2892C	$\frac{1}{2}$ " & $\frac{1}{2}$ "	9 $\frac{1}{2}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "
2892B	$\frac{1}{2}$ " & $\frac{1}{2}$ "	9 $\frac{1}{2}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "
2893A	$\frac{1}{2}$ " & $\frac{1}{2}$ "	11"	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2893	$\frac{1}{2}$ " & $\frac{1}{2}$ "	11"	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2893B	$\frac{1}{2}$ " & $\frac{1}{2}$ "	11"	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2894C	$\frac{1}{2}$ " & $\frac{1}{2}$ "	12 $\frac{1}{2}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2894	$\frac{1}{2}$ " & $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2894A	$\frac{1}{2}$ " & $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2894B	$\frac{1}{2}$ " & $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2895B	$\frac{1}{2}$ " & $\frac{1}{2}$ "	15 $\frac{1}{2}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2895C	$\frac{1}{2}$ " & $\frac{1}{2}$ "	15 $\frac{1}{2}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2895E	$\frac{1}{2}$ " & $\frac{1}{2}$ "	15 $\frac{1}{2}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2895H	$\frac{1}{2}$ " & $\frac{1}{2}$ "	15 $\frac{1}{2}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2896	$\frac{1}{2}$ " & $\frac{1}{2}$ "	16"	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2897	$\frac{1}{2}$ " & $\frac{1}{2}$ "	18"	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2898	$\frac{1}{2}$ " & $\frac{1}{2}$ "	19"	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "
2898A	$\frac{1}{2}$ " & $\frac{1}{2}$ "	19"	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "

No. 36 Set - 6 Pieces

The No. 36 Set contains six 15° angle Bonaloy Box Wrenches described above. Included are one each Nos. 2886, 2888, 2890, 2891, 2892 and 2893. The set is furnished in your preference of leatherette roll or sturdy cardboard box.

No. 39A Set

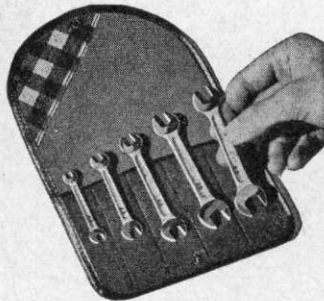
6 Pieces



This set contains 6 long type 15° angle Bonaloy Box Wrenches. Included are one each Nos. 2890, 2891, 2892, 2893, 2894 and 2895C. Furnished only in cardboard box.



BONALOY Open End Miniature Wrenches



Bonaloy Open End Miniature Wrenches are ideal for adjustments on generators, radios, distributors, air cleaners, electrical parts and work where parts are small and space in which to work is limited.

They are drop forged of Bonaloy Steel, given a careful heat-treatment and heavily chrome plated with polished heads. A different size opening is milled in each end and heads are angled at 15° for efficiency. Handles are thin and concave to keep down weight.

No.	Size Openings	Length	Thickness of Head
H10	$\frac{3}{16}$ " & $\frac{7}{32}$ "	2 $\frac{1}{2}$ "	$\frac{3}{32}$ "
H12	$\frac{7}{32}$ " & $\frac{9}{32}$ "	3"	$\frac{3}{32}$ "
H14	$\frac{9}{32}$ " & $\frac{11}{32}$ "	3 $\frac{3}{4}$ "	$\frac{3}{16}$ "
H15	$\frac{11}{32}$ " & $\frac{3}{8}$ "	3 $\frac{3}{4}$ "	$\frac{3}{16}$ "
H16	$\frac{3}{8}$ " & $\frac{13}{32}$ "	4 $\frac{1}{4}$ "	$\frac{3}{16}$ "
H18	$\frac{13}{32}$ " & $\frac{15}{32}$ "	4 $\frac{1}{4}$ "	$\frac{7}{32}$ "

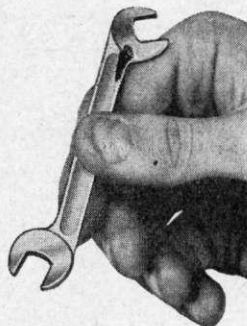
No. 20 Set - 5 Pieces

The No. 20 Set consists of one each of five Bonaloy Open End Miniature Wrenches as follows: Nos. H10, H12, H14, H16 and H18 shown in the table above. It is available in sturdy cardboard box or handsome leatherette roll.

BONALOY Electrical Wrenches

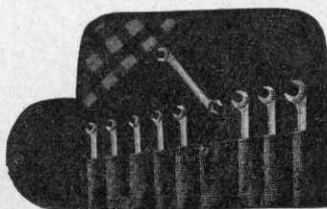
Bonaloy Electrical Wrenches have a different size opening in each end with head on one end at 15° angle and the other end at 60° angle. They are drop forged of Bonaloy Steel with accurately milled openings, heat-treated their entire length and fully chrome plated with polished heads.

They are exceptionally useful for making adjustments on accessories and electrical apparatus where parts are small and space in which to work is limited.



No.	Size Openings		Length	Thickness of Head
	15° End	60° End		
E14	$\frac{13}{64}$ "	$\frac{15}{64}$ "	3"	$\frac{7}{64}$ "
E16	$\frac{15}{64}$ "	$\frac{17}{64}$ "	3"	$\frac{7}{64}$ "
E18	$\frac{17}{64}$ "	$\frac{19}{64}$ "	3"	$\frac{7}{64}$ "
E20	$\frac{19}{64}$ "	$\frac{21}{64}$ "	3"	$\frac{7}{64}$ "
E22	$\frac{21}{64}$ "	$\frac{23}{64}$ "	3 $\frac{1}{2}$ "	$\frac{1}{8}$ "
E24	$\frac{23}{64}$ "	$\frac{25}{64}$ "	3 $\frac{1}{2}$ "	$\frac{1}{8}$ "
E26	$\frac{25}{64}$ "	$\frac{27}{64}$ "	4"	$\frac{1}{8}$ "
E28	$\frac{27}{64}$ "	$\frac{29}{64}$ "	4"	$\frac{1}{8}$ "
E30	$\frac{29}{64}$ "	$\frac{31}{64}$ "	4 $\frac{1}{2}$ "	$\frac{1}{8}$ "

No. 16 Set - 9 Pieces



The No. 16 Set contains one each of the 9 Bonaloy Electrical Wrenches described above. It may be had in a sturdy cardboard box or handsome leatherette roll.

ZENEL Open End Wrenches

Zenel Steel from which these open end wrenches are made is the hardest, tough wrench steel known and is found only in wrenches manufactured by Bonney.

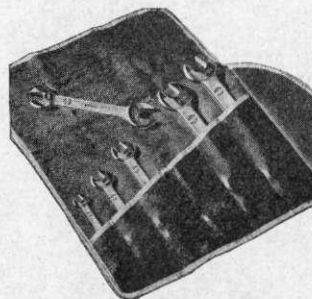
Bonney Wrenches made of Zenel Steel, not only wear well under the most severe use, but are *virtually unbreakable*. In fact, they actually outlast two or three wrenches made of ordinary steels.

Full advantage has been taken of the properties found in this steel. As a result Zenel Open End Wrenches have narrower heads, permitting their use in work in "hard-to-get-at" places; handles are longer and thinner than on ordinary wrenches, providing greater leverage and reducing the weight of the wrenches themselves. The concave handle section provides a firm, comfortable grip. Drop forged, heat-treated and fully chrome plated with polished heads Zenel Open End Wrenches are the best buy on the market in tools of this type.



No.	Size Openings	Length	Thickness of Heads	Amer. Std. Reg. Bolts	Amer. Std. Reg. Nuts; Size Bolts	Amer. Std. Light Nuts (S.A.E.); Size Bolts
3020	$\frac{1}{8}$ " & $\frac{5}{16}$ "	4 $\frac{1}{4}$ "	$\frac{3}{16}$ "	—	—	—
3721	$\frac{5}{16}$ " & $\frac{3}{8}$ "	4 $\frac{1}{4}$ "	$\frac{3}{16}$ "	& $\frac{1}{4}$ "	—	—
3021	$\frac{3}{8}$ " & $\frac{13}{32}$ "	4 $\frac{1}{4}$ "	$\frac{3}{16}$ "	—	—	—
3723	$\frac{3}{8}$ " & $\frac{7}{16}$ "	4 $\frac{3}{4}$ "	$\frac{7}{32}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	& $\frac{1}{4}$ "	& $\frac{1}{4}$ "
3723A	$\frac{3}{8}$ " & $\frac{1}{2}$ "	4 $\frac{3}{4}$ "	$\frac{7}{32}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	—	& $\frac{1}{4}$ "
3023	$\frac{13}{32}$ " & $\frac{1}{2}$ "	4 $\frac{3}{4}$ "	$\frac{7}{32}$ "	—	—	& $\frac{1}{4}$ "
3725	$\frac{1}{2}$ " & $\frac{1}{2}$ "	5 $\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "	$\frac{1}{4}$ " & $\frac{5}{16}$ "
3725B	$\frac{1}{2}$ " & $\frac{9}{16}$ "	5 $\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	—	$\frac{5}{16}$ " & $\frac{3}{8}$ "
3025	$\frac{1}{2}$ " & $\frac{19}{32}$ "	5 $\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{5}{16}$ " & $\frac{3}{8}$ "	—	$\frac{5}{16}$ " & $\frac{3}{8}$ "
3727	$\frac{9}{16}$ " & $\frac{5}{8}$ "	7"	$\frac{9}{32}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "
3027C	$\frac{5}{8}$ " & $\frac{11}{16}$ "	7"	$\frac{9}{32}$ "	$\frac{5}{8}$ " & $\frac{11}{16}$ "	—	—
3027	$\frac{11}{16}$ " & $\frac{11}{16}$ "	7"	$\frac{9}{32}$ "	—	—	—
3028S	$\frac{5}{8}$ " & $\frac{25}{16}$ "	8"	$\frac{5}{16}$ "	$\frac{7}{16}$ " & $\frac{1}{2}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{7}{16}$ " & $\frac{1}{2}$ "
3729	$\frac{5}{8}$ " & $\frac{3}{4}$ "	8"	$\frac{5}{16}$ "	$\frac{7}{16}$ " & $\frac{1}{2}$ "	$\frac{3}{8}$ " & $\frac{7}{16}$ "	$\frac{7}{16}$ " & $\frac{1}{2}$ "
3029	$\frac{11}{16}$ " & $\frac{25}{16}$ "	8"	$\frac{5}{16}$ "	—	—	—
3731	$\frac{3}{4}$ " & $\frac{13}{16}$ "	9 $\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{1}{2}$ " & $\frac{5}{8}$ "	$\frac{7}{16}$ " & $\frac{1}{2}$ "	$\frac{1}{2}$ " & $\frac{5}{8}$ "
3731A	$\frac{3}{4}$ " & $\frac{13}{16}$ "	9 $\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{1}{2}$ " & $\frac{5}{8}$ "	$\frac{7}{16}$ " & $\frac{1}{2}$ "	$\frac{1}{2}$ " & $\frac{5}{8}$ "
3031	$\frac{25}{16}$ " & $\frac{13}{16}$ "	9 $\frac{1}{4}$ "	$\frac{5}{16}$ "	—	—	—
3033A	$\frac{3}{4}$ " & $\frac{13}{16}$ "	9 $\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{1}{2}$ " & $\frac{5}{8}$ "	$\frac{7}{16}$ " & $\frac{1}{2}$ "	$\frac{1}{2}$ " & $\frac{5}{8}$ "
3033	$\frac{3}{4}$ " & $\frac{21}{16}$ "	9 $\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{1}{2}$ " & $\frac{5}{8}$ "	$\frac{7}{16}$ " & $\frac{1}{2}$ "	$\frac{1}{2}$ " & $\frac{5}{8}$ "
3733	$\frac{7}{8}$ " & $\frac{1}{2}$ "	11"	$\frac{15}{32}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "
3033C	$\frac{7}{8}$ " & $\frac{1}{2}$ "	11"	$\frac{15}{32}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "
3034	$\frac{7}{8}$ " & $\frac{11}{16}$ "	11"	$\frac{15}{32}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "
3034A	$\frac{7}{8}$ " & $\frac{11}{16}$ "	11"	$\frac{15}{32}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "	$\frac{9}{16}$ " & $\frac{5}{8}$ "
3035	$\frac{31}{32}$ " & $\frac{11}{16}$ "	11"	$\frac{15}{32}$ "	—	—	—
3735	$\frac{1}{2}$ " & $\frac{11}{16}$ "	12 $\frac{1}{4}$ "	$\frac{17}{32}$ "	$\frac{3}{4}$ " & $\frac{5}{8}$ "	$\frac{3}{4}$ " & $\frac{5}{8}$ "	—
3037	$\frac{11}{16}$ " & $\frac{11}{16}$ "	12 $\frac{1}{4}$ "	$\frac{17}{32}$ "	—	—	$\frac{3}{4}$ " & $\frac{5}{8}$ "
3737	$\frac{11}{16}$ " & $\frac{11}{16}$ "	12 $\frac{1}{4}$ "	$\frac{17}{32}$ "	$\frac{3}{4}$ " & $\frac{5}{8}$ "	$\frac{3}{4}$ " & $\frac{5}{8}$ "	$\frac{3}{4}$ " & $\frac{5}{8}$ "

No. Z25 Set - 6 Pieces



The No. Z25 Set contains six Zenel Open End Wrenches described above. The selection has been made to provide a wide range of openings and there are no duplicate openings included. One each, wrenches Nos. 3723, 3025, 3027C, 3028S, 3731A and 3033C are included with $\frac{3}{8}$ " & $\frac{7}{16}$ "; $\frac{1}{2}$ " & $\frac{5}{8}$ "; $\frac{9}{16}$ " & $\frac{11}{16}$ "; $\frac{5}{8}$ " & $\frac{25}{16}$ "; $\frac{3}{4}$ " & $\frac{7}{8}$ "; and $\frac{15}{16}$ " & $\frac{1}{2}$ " openings respectively. It can be supplied in cardboard box or leatherette roll.

No. Z26 Set - 8 Pieces

The No. Z26 Set contains eight Zenel Open End Wrenches with an exceptionally wide range of openings to cover the greatest need for wrenches of this type. Included are one each Nos. 3723, 3725, 3725B, 3025, 3727, 3729, 3029 and 3731A with $\frac{3}{8}$ " & $\frac{7}{16}$ "; $\frac{1}{2}$ " & $\frac{5}{8}$ "; $\frac{9}{16}$ " & $\frac{11}{16}$ "; $\frac{5}{8}$ " & $\frac{25}{16}$ "; $\frac{3}{4}$ " & $\frac{7}{8}$ " openings. The set is available in an excellent quality leatherette roll.



BONALOY Open End Wrenches Openings at 15° Angle

Drop forged of Bonaloy Steel, this line of open wrenches has through the years become the standard of comparison for other wrenches of similar type. Heads are thin and pear-shaped providing more turning room. Openings are precision-milled, providing a firm, accurate fit to the nut or bolt head without any possibility of slippage.

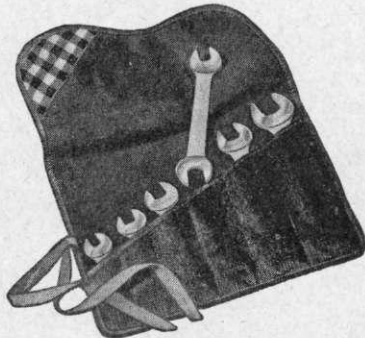
Long, thin handles with rounded edges provide maximum leverage and the balance found in all fine tools.

Heat-treated their entire length, they are heavily chrome-plated and have polished heads. Any mechanic will be proud to have an assortment of Bonaloy Open End Wrenches in his kit.



No.	Size Openings	Length	Thick- ness of Heads	Amer. Std. Reg. Bolts	Amer. Std. Reg. Nuts; Size Bolts	Amer. Std. Light Nuts (S.A.E.); Size Bolts
1020	1/4" & 5/16"	3"	5/16"	—	—	—
1721	5/16" & 3/8"	3 3/4"	5/16"	—	—	—
1723	3/8" & 1/2"	4 1/4"	7/16"	1/4" & 1/4"	—	—
1723A	3/8" & 1/2"	4 1/4"	7/16"	1/4" & 5/16"	1/4"	1/4"
1725	1/2" & 5/8"	5 5/8"	15/16"	1/2" & 5/8"	1/2"	1/2"
1725A	1/2" & 5/8"	5 5/8"	15/16"	1/2" & 3/4"	1/2"	1/2"
1725B	1/2" & 5/8"	6 1/2"	1 1/4"	5/8" & 3/4"	5/8"	5/8"
1025	1/2" & 5/8"	6 1/2"	1 1/4"	5/8" & 3/4"	5/8"	5/8"
1027	5/8" & 3/4"	6 3/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1027C	5/8" & 3/4"	7 1/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1027	5/8" & 3/4"	7 1/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1027A	5/8" & 3/4"	7 1/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1729	3/4" & 7/8"	7 1/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1028S	3/4" & 7/8"	7 1/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1029	3/4" & 7/8"	8 1/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1731	3/4" & 7/8"	9 1/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1731A	3/4" & 7/8"	9 1/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1031	3/4" & 7/8"	9 1/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1731B	3/4" & 7/8"	9 1/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1033A	3/4" & 7/8"	10"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1733	3/4" & 7/8"	10"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1033C	3/4" & 7/8"	10 1/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1034	3/4" & 7/8"	10 1/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1034A	3/4" & 7/8"	10 1/4"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1735	3/4" & 7/8"	12"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1037	3/4" & 7/8"	12"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1737	3/4" & 7/8"	12"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1037A	3/4" & 7/8"	12"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1739	3/4" & 7/8"	14"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1039	3/4" & 7/8"	14"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1039A	3/4" & 7/8"	14"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1040	3/4" & 7/8"	14"	1 1/2"	3/4" & 7/8"	3/4"	3/4"
1041	3/4" & 7/8"	16"	1 1/2"	3/4" & 7/8"	3/4"	3/4"

No.25 Set - 6 Pieces



The No. 25 Set contains six of the most popular wrenches in the line of Bonaloy Open End Wrenches. Included are one each Nos. 1723, 1025, 1027C, 1028S, 1731A and 1033C. There are no duplicate openings, permitting the user to cover a wide range of nut and bolt sizes with a minimum investment. Available in either cardboard box or leatherette roll.

No.27 Set - 6 Pieces

The No. 27 Set of Bonaloy Open End Wrenches has been assembled to meet the huge demand of the farm trade and farm implement dealers for a popular priced set of wrenches to take care of adjustments to the most popular sizes of nuts and bolts found on tractors and other farm equipment.

Included are one each wrenches Nos. 1721, 1725, 1027C, 1729, 1731B and 1033C with 3/16" & 3/8"; 1/8" & 1/2"; 1/16" & 1 1/16"; 5/8" & 3/4"; 1 1/16" & 7/8" and 1 1/8" & 1". Note that there are no duplicate openings.

It may be had in strong cardboard box or sturdy leatherette roll.

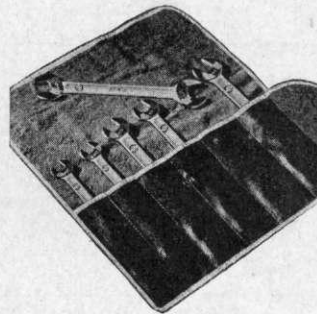
ZENEL Tappet Wrenches

Zenel Tappet Wrenches are made of the same steel as the Zenel Open End Wrenches described on page 8. Drop forged, they have concave handles which are long and thin, reducing the weight of the wrench when compared to other wrenches designed for tappet adjustments. Openings are precision-milled and angled at 15°, with a different size opening in each end.

Zenel Tappet Wrenches are perfectly balanced, carefully heat-treated, thoroughly tested and rigidly inspected. They are heavily chrome plated with heads buffed to a high permanent lustre.



No.	Size Openings	Length	Thick- ness of Heads	Amer. Std. Reg. Bolts	Amer. Std. Reg. Nuts; Size Bolts	Amer. Std. Light Nuts (S.A.E.); Size Bolts
3420A	1/16" & 1/2"	8"	5/16"	—	1/4" & 5/16"	1/4" & 5/16"
3420	1/16" & 1/2"	8"	5/16"	—	1/4" & 5/16"	1/4" & 5/16"
3422	1/8" & 9/16"	8"	5/16"	5/16" & 3/8"	5/16" & 5/16"	5/16" & 3/8"
3424B	1/8" & 5/8"	8 1/2"	5/16"	5/16" & 1/2"	5/16" & 3/8"	5/16" & 1/2"
3424	1/8" & 5/8"	8 1/2"	5/16"	5/16" & 1/2"	5/16" & 3/8"	5/16" & 1/2"
3424A	1/8" & 5/8"	8 1/2"	5/16"	5/16" & 1/2"	5/16" & 3/8"	5/16" & 1/2"
3425	3/8" & 1 1/8"	9"	5/16"	3/8" & 7/8"	3/8" & 1 1/2"	3/8" & 1 1/2"
3426	3/8" & 1 1/8"	9"	5/16"	3/8" & 7/8"	3/8" & 1 1/2"	3/8" & 1 1/2"
3428	1 1/16" & 1"	9 1/2"	5/16"	3/8" & 7/8"	3/8" & 1 1/2"	3/8" & 1 1/2"



No. Z22 Set 6 Pieces

The No. Z22 Set contains six Zenel Tappet Wrenches, two each of the following: Nos. 3422, 3424 and 3426 with openings listed in the table above. It is available in handy cardboard box or a leatherette roll of excellent quality as illustrated.

No. Z23 Set - 8 Pieces

The No. Z23 Set contains two each of four different Zenel Tappet Wrenches containing a different size opening in each end. Wrenches included are Nos. 3420, 3422, 3424 and 3426. It is supplied in a fine leatherette roll.

BONALOY Tappet Wrenches

Designed especially for tappet adjusting, every wrench in this line has a different size opening in each end. Openings are precision-milled at a 15° angle. They are drop forged of Bonaloy Steel and carefully heat-treated. Exceptionally long and thin, they have "pear-shaped" heads. Finished in brilliant chrome plate with polished heads.



No.	Size Openings	Length	Thick- ness of Heads	Amer. Std. Reg. Bolts	Amer. Std. Reg. Nuts; Size Bolts	Amer. Std. Light Nuts (S.A.E.); Size Bolts
420A	1/16" & 1/2"	8"	5/16"	—	1/4" & 5/16"	1/4" & 5/16"
420	1/16" & 1/2"	8"	5/16"	—	1/4" & 5/16"	1/4" & 5/16"
422	1/8" & 9/16"	8"	5/16"	5/16" & 3/8"	5/16" & 5/16"	5/16" & 3/8"
424B	1/8" & 5/8"	8 1/2"	5/16"	5/16" & 1/2"	5/16" & 3/8"	5/16" & 1/2"
424	1/8" & 5/8"	8 1/2"	5/16"	5/16" & 1/2"	5/16" & 3/8"	5/16" & 1/2"
424A	1/8" & 5/8"	8 1/2"	5/16"	5/16" & 1/2"	5/16" & 3/8"	5/16" & 1/2"
425A	3/8" & 1 1/8"	9"	5/16"	3/8" & 7/8"	3/8" & 1 1/2"	3/8" & 1 1/2"
425	3/8" & 1 1/8"	9"	5/16"	3/8" & 7/8"	3/8" & 1 1/2"	3/8" & 1 1/2"
426A	3/8" & 1 1/8"	9"	5/16"	3/8" & 7/8"	3/8" & 1 1/2"	3/8" & 1 1/2"
428	1 1/16" & 1"	9 1/2"	5/16"	3/8" & 7/8"	3/8" & 1 1/2"	3/8" & 1 1/2"



No. 22 Set - 6 Pcs.



The No. 22 Tappet Wrench Set is complete and adaptable to almost every make and model of passenger car and truck. It contains two each Nos. 422, 424 and 426 Bonaloy Tappet Wrenches with openings as shown in the table at the bottom of page 9.

They are drop forged of Bonaloy Steel, carefully heat treated and fully chrome plated with polished heads. Openings are at 15° angle and are precision-milled. The No. 22 Set is furnished in either cardboard box or leatherette roll.

BONALOY

Extra-Long Tappet Wrenches

These extra-long, thin tappet wrenches are especially suited for tappet adjustments on late model cars where it is necessary to make adjustments from underneath the car. Heads are extremely thin, with openings at 22½°. Drop forged of Bonaloy Steel, they are heat-treated and completely chrome plated with polished heads.



No.	Size Openings	Length	Thick-ness of Heads	Amer. Std. Reg. Bolts	Amer. Std. Reg. Nuts; Size Bolts	Amer. Std. Light Nuts (S.A.E.); Size Bolts
L401A	7/16"	15"	3/16"	—	1/4"	1/4"
L402	1/2"	15"	3/16"	5/16"	—	5/16"
L403	9/16"	15"	3/16"	3/8"	5/8"	3/8"
L404	5/8"	15"	3/16"	7/16"	3/8"	7/16"

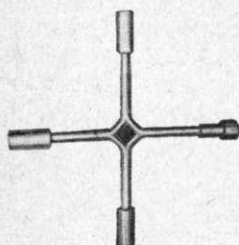
BONALOY Rim Wrenches

No. 2420 Series



Bonaloy Rim Wrenches listed in the table below are made in one piece with hexagon openings. They have plated finish and will take care of practically all sizes of rim nuts.

No.	Size Opening	No.	Size Opening
2420	5/8"	2426	1 1/8"
2422	1 1/16"	2428	1 3/8"
2424	3/4"		



No. 2553 Cross Rim Wrench

This rim wrench is needed in every garage and service station. Made of Bonaloy Steel, it is chrome plated and has polished heads. A "4 in 1" tool to meet practically every need for a rim wrench it has 5/8", 3/4", 1 1/8" and 1 3/8" hexagon openings.

TRUCK RIM WRENCHES



7942

Nos. 7940 and 7941 are designed especially for use on Ford Truck rim Nuts. No. 7944 and 7944A rim nuts on practically all other makes of trucks. No. 7942 is a handle and pry bar for use with the wrenches above. Made of Bonaloy Steel, they have plated finish and are of the usual Bonney quality in every way.

No.	Size Openings	Length
7940	1 1/8" square & 1 1/8" hexagon	16 7/8"
7941	1 1/8" square & 1 1/8" hexagon	16 7/8"
7944	7/8" hexagon & 1 1/8" hexagon	14 7/8"
7944A	7/8" hexagon & 1 1/8" hexagon	14 7/8"
7942	Handle and pry bar	20"

Water Pump Packing Nut Wrenches



Many cars on the road today still require water pump packing nut adjustments and the only proper way to make this adjustment is with Bonaloy Water Pump Packing Nut Wrenches. The nut is usually of brass and very thin and should only be tightened with a wrench and never with a drive punch and hammer.

Bonaloy Water Pump Packing Nut Wrenches are designed especially for this adjustment and should never be used for other classes of work or with added leverage.

No.	Size Opening	Length	Thickness of Head
1224	3/4"	7"	1/4"
1224A	1 1/8"	7"	1/4"
1226	1 1/8"	7"	1/4"
1228	7/8"	7"	1/4"
1230	1 1/8"	7"	1/4"
1232	1"	7"	1/4"
1232A	1 1/8"	7"	1/4"
1234	1 1/8"	7"	1/4"
1236	1 1/8"	7"	1/4"
1236S	1 1/8"	7"	1/4"
1236X	1 1/8"	7"	1/4"
1238	1 1/8"	7"	1/4"
1240	1 1/8"	7"	1/4"
1241	1 1/8"	7"	1/4"
1242	1 1/8"	7 3/8"	5/16"
1244	1 1/8"	7 3/8"	5/16"
1246	1 1/8"	7 3/8"	5/16"
1248	1 1/8"	7 3/8"	5/16"
1250	1 1/8"	7 3/8"	5/16"
1252	1 1/8"	7 3/8"	5/16"
1256	1 3/8"	8 1/2"	5/16"
1258	1 3/8"	8 1/2"	5/16"
1260	1 7/8"	8 1/2"	5/16"
1262	1 15/16"	8 1/2"	5/16"
1264	2"	8 1/2"	5/16"
1264S	2 3/8"	8 1/2"	5/16"
1266	2 1/8"	8 1/2"	5/16"
1268	2 1/8"	8 1/2"	5/16"
1272	2 1/2"	8 1/2"	5/16"
1276	2 3/4"	8 1/2"	5/16"
1272S	2 1/2"	8 1/2"	5/16"

Manifold and Starter Wrenches



No. 2881—Designed for manifold work on a large number of cars. Drop forged of Bonaloy Steel, fully chrome plated. Has 5/16" & 3/8" double hexagon openings. Length 7 3/4".

No. 2880—Similar to No. 2881 above but with 5/8" & 3/4" double hexagon openings. Length 7 3/4".

No. 2884—Same as above, but has 5/8" and 3/4" double hexagon openings for making adjustments on 1937 and 1938 Chevrolet starters. Length 7 3/4".

Starter Wrenches



No. 2883—A special wrench of Bonaloy Steel designed especially for use on starter nuts of late model Chrysler cars. Has 5/16" & 3/8" double hexagon openings. Overall length 9". Has chrome plated finish with polished heads.

Special Sockets for Ford



D21



F18

No. D21—For adjusting Ford "A" and "AA" connecting rod bearing cap nuts. Has 2 1/8" double hexagon opening and is for use with 1/2" square drive attachments.

No. F18—For adjusting connecting rod bearing cap nuts on Ford V8. Has 3/16" hexagon opening and is for use with 1/2" square drive attachments.

Right-Angle Wrenches



Exceptionally useful for carburetor work on many makes of cars and trucks. Drop forged of Bonaloy Steel, fully chrome plated and with polished heads.

No.	Size Openings	Length	Thick-ness of Heads	Amer. Std. Reg. Bolts	Amer. Std. Reg. Nuts; Size Bolts	Amer. Std. Light Nuts (S.A.E.); Size Bolts
2723	3/8" & 7/16"	4 1/2"	7/16"	1/2" & 1/4"	1/2" & 1/4"	1/2" & 1/4"
2725B	1/2" & 5/8"	5 1/2"	15/16"	5/8" & 3/8"	5/8" & 3/8"	5/8" & 3/8"
2729	5/8" & 3/4"	7 1/2"	5/16"	7/16" & 3/8"	3/8" & 3/16"	7/16" & 3/8"



No. D2857 Brake Wrench for Fords



Drop forged of Bonaloy Steel and fully chrome plated this wrench is designed especially for brake adjustments on Ford cars and trucks. Has $\frac{1}{4}$ " & $\frac{1}{2}$ " double square openings. Measures 10 $\frac{3}{4}$ " long.

Nos. 2566 and 2566A for Adjustments to Bendix Brakes



Made of Bonaloy Steel and designed especially for adjustments to Bendix Brakes. Chrome plated finish.

No. 2566 has blades $\frac{1}{2}$ " wide and is 7 $\frac{1}{2}$ " long.

No. 2566A has blades $\frac{1}{2}$ " wide and is 8" long.

No. 2561 for Adjusting Bendix Brake Eccentric



A special open end wrench designed especially for adjusting the Bendix brake eccentric. Drop forged of Bonaloy Steel and fully chrome plated it has $\frac{3}{16}$ " and $\frac{1}{4}$ " openings. Measures 8" overall.

Long Open End Wrenches

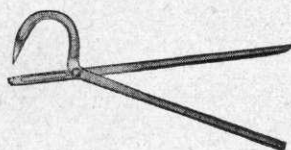


Designed especially for brake adjustments, spring clips, etc. these wrenches are drop forged of Bonaloy Steel, fully chrome plated and with polished heads.

No.	Size Openings	Thickness of Heads	Length
1731AL	$\frac{3}{16}$ " & $\frac{7}{16}$ "	$\frac{3}{16}$ "	15"
1034AL	$\frac{15}{16}$ " & $1\frac{1}{16}$ "	$1\frac{1}{16}$ "	16"
1735L	1" & $1\frac{1}{8}$ "	$1\frac{1}{8}$ "	16"

No. 2680 Brake Spring Plier

U. S. Patent No. 2264391



An unusually efficient brake spring plier designed especially for the removal and replacement of internal brake springs on all types and sizes of cars and trucks.

The hooked end of the plier grasps the brake spring firmly, while the "goose neck" pointed side of the plier makes firm contact with the brake lining on the shoe and prevents any possibility of slipping.

The plier can be used equally well in the removal of springs held in place by the hole in the brake shoe or by a stud attached to the brake shoe.

In replacing brake springs on brakes that have the stud fastened to the brake shoe, the notched end of the plier will be found exceptionally useful.

Figure 1 illustrates the use of the plier in removing springs from brake shoes with the hole. Figure 2 illustrates the removal of the spring from brakes with the stud, and Figure 3 illustrates the ease with which springs may be replaced on brakes with the stud.

The No. 2680 Brake Spring Plier is drop forged of Bonaloy Steel, carefully heat-treated, will full chromium plated finish. It is light in weight, weighing only 11 ounces. The 12 $\frac{1}{2}$ " length of this plier permits leverage to handle the strongest springs with ease.

FIG.1

FIG.2

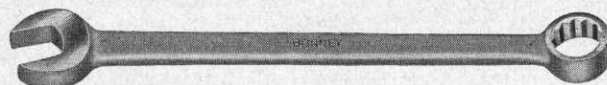
FIG.3

BONALOY TuType Wrenches

The advantages of Bonaloy TuType Wrenches which provide an open end and box wrench each with the same size opening, in the same tool are readily apparent to the experienced mechanic. They permit using the type of opening most applicable to the job at hand without changing wrenches.

They are available with a wide range of openings and are adaptable for work on carburetors, generators, manifolds, clutches, starters, as well as general service work on trucks, tractors, buses, and all types of farm, industrial, oil drilling and refinery equipment.

Drop forged of Bonaloy Steel, carefully heat-treated and heavily chrome-plated with polished heads. Handles are long, thin and oval-shaped, providing a firm comfortable grip and maximum leverage. The box end has double hexagon opening with head set at 15° to give proper clearance. The open end is angled at 15° for efficiency.



Size Openings	No.	Length	Amer. Std. Reg. Bolts	Amer. Std. Reg. Nuts; Size Bolts	Amer. Std. Light Nuts (S.A.E.); Size Bolts
$\frac{3}{16}$ "	1159	4 $\frac{3}{4}$ "	—	—	—
$\frac{7}{16}$ "	1160	5 $\frac{1}{2}$ "	$\frac{1}{4}$ "	—	—
$\frac{1}{2}$ "	1161	5 $\frac{3}{8}$ "	—	$\frac{1}{4}$ "	$\frac{1}{4}$ "
$\frac{9}{16}$ "	1162	6 $\frac{1}{8}$ "	$\frac{3}{8}$ "	—	$\frac{3}{8}$ "
$\frac{5}{8}$ "	1163	6 $\frac{3}{4}$ "	$\frac{3}{8}$ "	$\frac{5}{8}$ "	$\frac{3}{8}$ "
$\frac{11}{16}$ "	1164	7 $\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
1"	1165	8 $\frac{1}{2}$ "	—	—	—
$1\frac{1}{16}$ "	1166	9 $\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "
$1\frac{1}{8}$ "	1167A	11"	—	$\frac{1}{2}$ "	—
$1\frac{1}{4}$ "	1167	11"	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "
$1\frac{3}{8}$ "	1168	13"	$\frac{3}{4}$ "	—	$\frac{3}{4}$ "
1 $\frac{1}{2}$ "	1170	13"	—	$\frac{5}{8}$ "	—
$1\frac{5}{8}$ "	1171	15"	—	—	$\frac{3}{4}$ "
$1\frac{3}{4}$ "	1172	15"	$\frac{3}{4}$ "	$\frac{3}{4}$ "	—
$1\frac{7}{8}$ "	1173	18"	—	—	$\frac{7}{8}$ "
$1\frac{9}{16}$ "	1174	18"	$\frac{7}{8}$ "	$\frac{7}{8}$ "	—
$1\frac{11}{16}$ "	1176	21"	—	—	1"

No. 49 Set—5 Pieces



Contains five Bonaloy Tu Type Wrenches with openings to cover a wide range of work. Available in leatherette roll or cardboard box, it includes one each wrenches No. 1161, 1162, 1163, 1164 and 1165 shown in the table above.

No. 42 Set—8 Pieces

The eight Bonaloy Tu Type Wrenches in this set have been carefully selected to care for the greatest requirements where wrenches of this type are needed. Packed in a strong cardboard box or excellent quality leatherette roll it includes one each wrenches No. 1160, 1161, 1162, 1163, 1164, 1165, 1166 and 1167 shown in the table above.

No. 199 Shop Knife



No mechanic's tool kit is complete without a good, sharp knife. The Bonney Shop Knife is strong, light in weight and perfectly balanced. Five razor-keen blades are in the handle, which has a rustproof finish.

This knife is especially suited for trimming upholstery, top material, leather, etc. and for cutting gaskets, shims, kick boards, masking tape, cardboard, etc. When the blade is turned crosswise in the handle it makes a dandy scraper for removing old inspection stickers from the windshield.



Hack Saw Frame



No. 2628

A sturdily built, adjustable hack saw frame that will give long and satisfactory service. The checkered steel pistol grip fits comfortably in the hand. The back is reinforced and is adjustable for from 8" to 12" blades. Blades may be faced in four directions. Has full nickel finish. Makes a splendid frame for automotive and industrial mechanics. Net weight 1½ lb.

Flexible Hack Saw Blades



(Tungsten Alloy Steel)

Flexible
Back-Hardened Teeth

The teeth in these blades are carefully milled and set for fast cutting. The blades are correctly hardened and tempered.

No.	Length	Width	Gauge	Teeth per inch	Blade Series
F1018	10"	½"	.025	18	Coarse
F1024	10"	½"	.025	24	Medium
F1032	10"	½"	.025	32	Fine
F1218	12"	½"	.025	18	Coarse
F1224	12"	½"	.025	24	Medium
F1232	12"	½"	.025	32	Fine

All Hard Hack Saw Blades

(Molybdenum High
Speed Steels)

Non-flexible—for difficult jobs such as cutting chrome, nickel and high carbon steel.

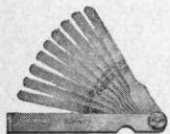
No.	Length	Width	Gauge	Teeth per inch	Blade Series
HS1018	10"	½"	.025	18	Coarse
HS1024	10"	½"	.025	24	Medium
HS1032	10"	½"	.025	32	Fine
HS1218	12"	½"	.025	18	Coarse
HS1224	12"	½"	.025	24	Medium
HS1232	12"	½"	.025	32	Fine

BONNEY Feeler Gauges

Bonney Feeler Gauges are made from the finest, imported Swedish Steel, carefully heat-treated and tempered to withstand wear. Each blade is tested to insure the exact thickness which is etched on it.

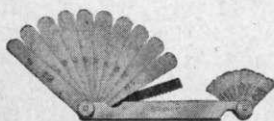
Bonney Feeler Gauges are equipped with a knurled thumb nut for instant release and selection of the blade desired. When tightened, this thumb nut securely holds the blade selected in working position, while blade not needed are securely locked in the handle.

No. K50 Brake Adjusting Gauge



For measuring clearance between brake drum and shoe. 9 blades 4" long in the following thicknesses—.006; .008; .010; .012; .015; .018; .020; .022 and .032.

No. K51 General Purpose Gauge



Especially for tappet and ignition work—the most popular gauge on the market. 10 blades 1½" long, 10 blades 3½" long and 3" point file. Short blades in following thicknesses—.012; .013; .014; .018; .020; .022; .024; .025; .028; .032.

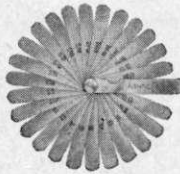
Long blades in following thicknesses .002; .003; .004; .005; .006; .007; .008; .010; .013; .015.

No. K52 Ignition Gauge



Contains 10 narrow blades 1½" long and 3" point file for ignition, distributor points and spark plugs. Thickness of blades included as follows—.012; .013; .014; .018; .020; .022; .025; .028; .032 and .035.

No. K53 Universal Master Gauge

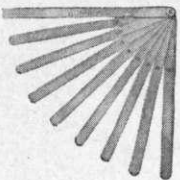


Has full range of spacers—25 blades, each 3½" long in following thicknesses—.0015; .002; .003; .004; .005; .006; .007; .008; .009; .010; .011; .012; .013; .014; .015; .016; .018; .020; .022; .024; .025; .028; .030; .032 and .035.



No. K54 Standard Feeler Gauge

Contains 10 blades 3½" long in following sizes—.002; .003; .004; .005; .006; .007; .008; .010; .012 and .015.



No. K55 Extra-Long Feeler Gauge

Exceptionally useful for pistons, etc. Has 8 blades, each 8½" long in the following sizes—.002; .003; .004; .005; .006; .008; .010; .015.

No. K56 Single End Feeler Gauge Stock Holder

POSITIVE ADJUSTABLE LOCK



Any thickness of feeler gauge stock coils within the handle and can readily be pulled out for use. Any desired length of strip stock or standard 12" blades may be used. Positive sliding lock securely holds blades. Made from hard drawn, cold rolled steel and satin nickel plated. Length 4½". Weight 1 oz.

Extra Blades

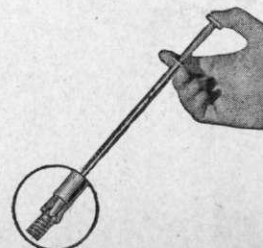


Designed to fit practically any holder, the 3½" blades are available in all the popular range of thicknesses and with hole insertion in gauges. The 12" lengths are popular for use in the No. K 56 Stock Holder which makes the blades usable to the end.

Both 3½" and 12" blades are packed 6 in a cellophane envelope. Sizes are listed below.

½" x 3½" Blades		½" x 12" Blades	
Number	Thickness	Number	Thickness
K0015	.0015	KL0015	.0015
K002	.002	KL002	.002
K004	.004	KL004	.004
K005	.005	KL005	.005
K006	.006	KL006	.006
K007	.007	KL007	.007
K008	.008	KL008	.008
K010	.010	KL010	.010
K012	.012	KL012	.012
K013	.013	KL013	.013
K015	.015	KL015	.015
K016	.016	KL018	.018
K018	.018	KL024	.024
K024	.024	KL025	.025
K025	.025	KL032	.032
K032	.032	KL035	.035
K035	.035	KL040	.040
K040	.040		

Handy Holding Tool



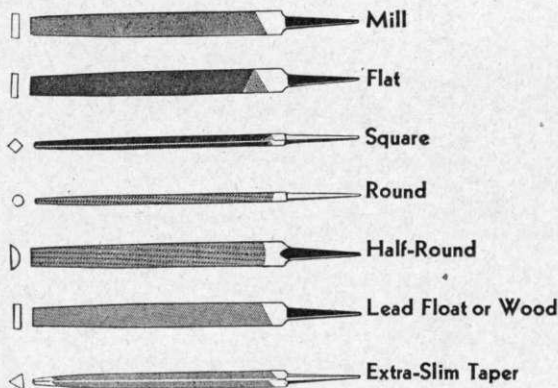
A practical holding and inserting tool needed by every mechanic. The four fingers are forced outward and open when pressure is brought on the object. Releasing the coil spring closes the fingers tightly around the object.

No.	Reach	Overall Length
K4	4"	6½"
K6	6"	8½"
K8	8"	10½"
KF	12"	14½"



BONNEY Files

Bonney Files are made in 7 types and each type in the sizes which find most common use. They are of quality consistent with all other tools in the Bonney Line.



Mill Bastard	Flat Bastard	Square Bastard	Round Bastard	Half Round Bastard	Lead Float or Wood (Flat)	Extra-Slim Taper
Length, Inches	Length, Inches	Length, Inches	Length, Inches	Length, Inches	Length, Inches	Length, Inches
6	6	6	6	6	—	5
8	8	8	8	8	—	6
10	10	10	10	10	—	8
12	12	12	12	12	12	—
14	14	14	14	14	14	—
16	—	—	—	—	—	—

File Handles



Handles have metal ferrule which prevents splitting at the file tang opening (Plain—no finish).

Small (for 5" and 6" files)
Medium (for 8" and 10" files)
Large (for 12", 14" and 16" files)

BONNEY Screw Drivers

Round Shank

Solid, forged, one-piece blades are forced into handles against the upset shoulder to insure an absolutely tight fit. The blades are heat treated throughout their entire length. Handles are of transparent, non-conducting composition.



No.	Length of Blade	Width of Tip	Overall Length
04	4"	1/4"	7 3/4"
06	6"	5/16"	10 1/4"
08	8"	3/8"	13 1/4"
012	12"	7/16"	17 1/2"

Square Shank

Blades are forged in one piece, heat treated their full length and firmly anchored in the handles. Handles are non-conductors of electricity. The tip is not merely an extension of two of the square shank surfaces, but is forged and taper-ground.



No.	Length of Blade	Width of Tip	Overall Length
S04	4"	5/16"	7 3/4"
S06	6"	7/16"	10 1/4"
S08	8"	1/2"	12 3/4"
S012	12"	5/8"	17 1/2"

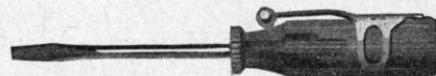
Electricians' Screw Driver

This line of screw drivers has many uses in electrical work. They are of the same high quality and finish as the drivers described. Made in three sizes.



No.	Length of Blade	Width of Tip	Overall Length
003	3"	3/16"	6 1/2"
006	6"	3/8"	9 1/2"
0010	10"	3/8"	13 1/2"

No. 001 Pocket Size

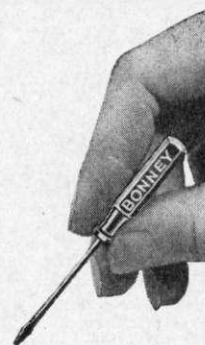


Every mechanic has need for a pocket-size screw driver. Supplied with clip for securely holding in the pocket. The blade is forged with taper-ground tip. The handle is of transparent, non-conducting composition. Blade is 2" long, tip 1/8" wide and the screw driver is 4" long overall.

No. E02 Pocket Size with Neon Tube



Has tough, composition handle that is a non-conductor of electricity, and a neon tube for spark plug testing. The tip is magnetized and a wire guard slides over the tip to protect the pocket. A handy, pocket clip is also supplied. The 2 1/4" blade is forged and has taper-ground tip 1/8" wide. Overall length is 5".



No. 00A Instrument Screw Driver

A mighty handy little tool for making delicate adjustments on fine electrical, radio and ignition apparatus. Made in exactly the same way and of the same quality materials as its "big brothers". Handle is of the non-conductor type. Overall length is 2 3/8"; length of blade 1 1/4"; and width of tip 1/16".

No. E03 with Neon Tube



The neon tube in the tough, composition handle makes it a most useful tool for automotive and electrical work. When testing spark plugs, a brilliant orange flash shows the plug is O.K. Completely "shorted" plugs produce no flash. A "stringy" flash shows the plug is partly fouled. The forged blade is 3" long with 1/16" taper-ground tip. Length overall 6 1/4".

Adjusting



A strong, sturdy screw driver for making fine adjustments. The handle is designed to fit comfortably in the hand and to provide a firm grip. It is of transparent, non-conducting composition.

No.	Length of Blade	Width of Tip	Overall Length
S01	1 3/4"	1/4"	3 3/4"
S02	1"	3/8"	2 3/4"



Wood Handle Screw Drivers

This line of quality, wood handle screw drivers will stand up under severe use. Blades are drop-forged from selected alloy steel and carefully heat treated their entire length. Tips are taper-ground.

The hardwood handles are fluted to provide a firm, comfortable grip and bolsters firmly anchor the blades to the handles.



No.	Length of Blade	Width of Tip	Overall Length
W03	3"	1/2"	7 1/4"
W04	4"	3/4"	9 1/4"
W06	6"	5/8"	11 3/4"
W08	8"	3/4"	14 1/2"
W010	10"	7/8"	16 1/2"



No. W05 Set

Contains one each Nos. W03, W04, W06, W08 and W010 shown in the table above. Packed in a strong cardboard box.



Screw Drivers for Phillips Screws Wood Handle Type

These screw drivers are made with the same care and precision as the regular type wood handle screw drivers described above. Available in four sizes to cover the entire range of screws shown in the table.



No.	Blade		Overall Length	Fits Phillips Screws
	Length	Diameter		
WP1	3"	3/16"	6 1/2"	No. 4 and smaller
WP2	4"	1/4"	8 3/4"	No. 5 to No. 9 inc.
WP3	6"	5/16"	11"	No. 10 to No. 16 inc.
WP4	8"	3/8"	14 1/2"	No. 18 and larger

No. WP Set

This set contains one each numbers WP1, WP2, WP3 and WP4 to cover the entire range of Phillips Screws.

Wood Handle Short Type



For cramped quarters—in tightening windshield mouldings and on similar jobs—that cannot be reached with regulation length screw drivers, these short screw drivers will be found mighty convenient. Of quality equal to regulation length, wood handle screw drivers for Phillips screws.

No.	Blade		Overall Length	Fits Phillips Screws
	Length	Diameter		
SP1	1"	3/16"	2 7/8"	No. 4 and Smaller
SP2	1 3/8"	1/4"	3 5/8"	No. 5 to No. 9 inc.

Composition Handle Type

These fine quality screw drivers to fit Phillips screws have transparent, amber-colored composition handles that are non-conductors of electricity. Blades are drop-forged and carefully heat-treated their entire length. They are securely fastened in the handles to prevent turning or loosening.

The four sizes shown will take care of all sizes of Phillips screws. The shank on the No. CP4 is hexagon for more than half its length to allow the use of a wrench to gain added leverage.



No.	Blade		Overall Length	Fits Phillips Screws
	Length	Diameter		
CP1	3"	3/16"	6"	No. 4 and smaller
CP2	4"	1/4"	7 3/4"	No. 5 to No. 9 inc.
CP3	6"	5/16"	10 1/4"	No. 10 to No. 16 inc.
CP4	8"	3/8"	11"	No. 18 and larger

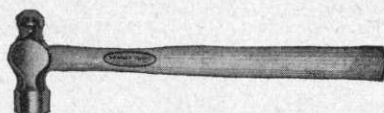
No. CP Set

The No. CP Set will fill every requirement for screw drivers to fit Phillips screws. The garnish moulding and hinges on late model cars are fastened with Phillips screws. They are also used on truck and bus bodies. One each of numbers CP1, CP2, CP3 and CP4 are included.

BONNEY Hammers

Ball Pein

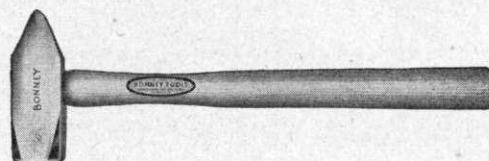
The octagon-shaped heads of Bonney Ball Pein Hammers are drop-forged from special hammer steel, while the handles are made of fine, straight-grained hickory. The handles are dipped to toughen the eye end and are forced into the head and securely locked in position by two steel wedges.



No.	Head Weight	Length
PH1	2 oz.	10"
*PH2	3 1/2 oz.	11"
PH5	1/2 lb.	13"
PH6	3/4 lb.	14"
PH7	1 lb.	14 1/2"
PH9	1 1/2 lb.	16"
PH10	2 lb.	16"

*Known as a gasket hammer.

No. PH19 Tire and Rim Hammer

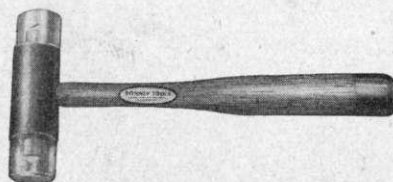


Drop-forged from a high grade hammer steel and carefully heat-treated, this tire and rim hammer will be found to answer every requirement for this type tool. The head has polished finish. The handle is of the finest, straight grained, young hickory, securely fastened in the head. Head weight 3 lbs. Length overall, 16 inches.

Soft Face

Bonney Soft Face Hammers have tough, amber colored cellulose tips that are replaceable. Handles are of quality hickory, shaped to afford a comfortable grip and are wedged securely in the steel center head.

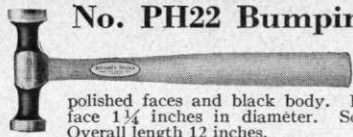
These hammers are especially useful in aircraft factories, in body and fender repair work, etc., for shaping and forming light sheet metals, as well as in numerous assembly jobs requiring a hammer that will not mar a finely finished surface or delicate machine parts.



No.	Type of Tips	Head Weight	Handle Length	Tip Diameter
PH15	2 Regular	1/2 lb.	11 3/4"	1 1/4"
PH20	2 Regular	1 lb.	11 3/4"	1 3/8"

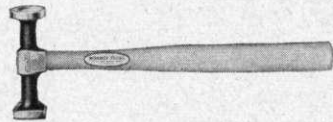


No. PH22 Bumping Hammer



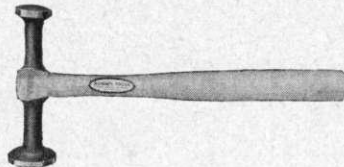
No. PH22—Of the same construction described above, this hammer has polished faces and black body. Head $4\frac{1}{4}$ inches long. Round face $1\frac{1}{4}$ inches in diameter. Square face $1\frac{1}{4}$ inches square. Overall length 12 inches.

No. PH23 Light Bumping Hammer



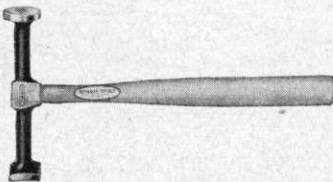
A light weight finishing hammer with polished faces on the head and black body. Head 4" long. Round face $1\frac{1}{4}$ inches diameter. Square face $1\frac{1}{4}$ inches square. Overall length $11\frac{1}{2}$ inches. Head-weight 9 oz.

No. PH24 Dinging Hammer



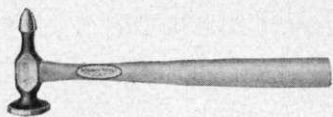
A finishing hammer with faces crowned and polished—body of head finished in black. Head 6 inches long. Large face $1\frac{1}{2}$ inches diameter. Small face $1\frac{1}{4}$ inches diameter. Overall length 12 inches. Head weight 13 oz.

No. PH25 Light Dinging Hammer



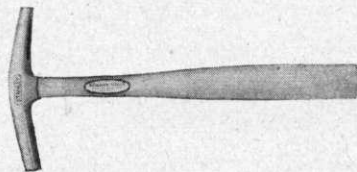
A sturdily made, light weight finishing hammer. Head $6\frac{1}{2}$ inches long. Large face $1\frac{1}{4}$ inches square. Small face $1\frac{1}{2}$ inches diameter. Overall length $11\frac{1}{2}$ inches. Head weight 10 oz.

No. PH26 Special Bumping Hammer



The head is drop-forged with bullet shaped end which makes it easy to remove small dents. Face of the head is polished with body finished in black. Strong hickory handle. Head 4 inches long. Overall length 12 inches. Head weight 7 oz.

No. PH27 Upholsterers' Magnetic Hammer



Head is $5\frac{1}{2}$ inches long, polished all over and one end is magnetized. Overall length 12 inches. Head weight 7 oz.

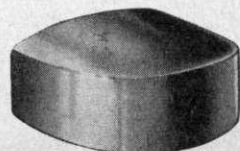
Body and Fender Repair Tools

No. F2 Regular or Toe Dolly Block



Drop-forged of selected steel. Length $4\frac{3}{4}$ inches. Width $2\frac{1}{2}$ inches. Thickness $1\frac{1}{8}$ inches. Weight $2\frac{1}{2}$ lbs.

No. F3 Heel Dolly Block



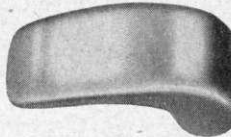
Drop-forged of steel most suitable for this type tool. Length $2\frac{1}{2}$ inches. Thickness $1\frac{1}{2}$ inches. Weight $2\frac{1}{4}$ lbs.

No. F4 Bar Dolly Block



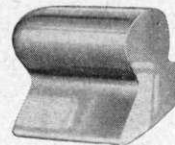
Drop-forged steel. Length $4\frac{1}{4}$ inches. Width 2 inches. Weight 3 lbs.

No. F5 Wedge Dolly Block



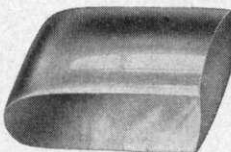
Designed especially for work on turret tops. Drop-forged of selected steel. Length 5". Width $2\frac{1}{2}$ ". Weight $2\frac{1}{2}$ lbs.

No. F6 General Purpose Dolly Block



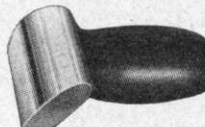
Drop forged of selected steel this dolly block will find many uses in body repair work. Weight 3 lbs.

No. F7 Budd Dolly Block



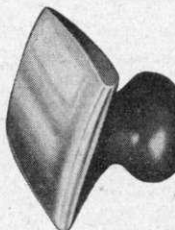
Drop-forged of selected steel. Its curved surfaces are designed so that it will take care of any repair on a Budd Body. Each block is carefully gauged after it is polished to insure correct radii of the curves. Weight 3 lbs.

No. F10 Small Handy Hold Dolly



The hand hold makes this dolly a favorite among body repairmen. Weight $2\frac{1}{4}$ lbs.

No. F12 Large Hand Hold Dolly



A heavy duty dolly for all-around use. Weight $3\frac{1}{2}$ lbs.

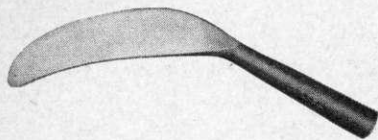


No. F13 Special Door Panel Spoon

In addition to work on door panels, this spoon will be found handy for working on the quarterdeck of turret tops and between the headlining strainer and roof panels. It is also handy for work between the fender bracket and fender metal where a dolly block can't be used. Blade is $2\frac{1}{4}$ " wide, $5\frac{1}{2}$ " long. Handle is $\frac{3}{8}$ " diameter. Weight 23 oz.



No. F15 Wide Body Spoon



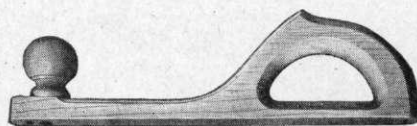
Dimensions of blade $2\frac{1}{16}$ inches wide, 5 inches long. Overall length $10\frac{1}{2}$ inches. Weight 1 lb.

No. F16 Panel Spoon



Used in general body repair work and on turret tops. Forged of selected steel with polished working surfaces. Blade $2\frac{1}{4}$ " wide, $6\frac{1}{4}$ " long. Overall length $11\frac{1}{4}$ ". Weight 22 oz. Packed 6 to the box.

No. F24 File Holder



This is the type of file holder most popular in body repair shops. Designed especially for No. F25—14" Flexible File Blade. Made of wood with grip over the blade which assures accurate filing. Weight 15 ozs.

No. F25—14" Flexible File Blade



This body file blade has teeth designed on the milling cutter principle. Each tooth has a land and groove. The land increase cutting qualities. The curved groove curls and eliminates the chips and prevents "loading". Recommended for use on sheet steel of all kinds, as well as repairing and refinishing auto bodies and fenders. Particularly effective for filing soft metals. For use with No. F24 or F31 File Holders. Overall length 14 inches.

No. F31 Adjustable Flexible File Holder



An expensive adjustable aluminum file holder for use with 14" flexible file blades. Permits flexing of file for use on a hollow (concave) or a round (convex).

No. FB7 Set - 18 Pieces

A very complete set of body and fender tools for the specialist in work of this kind. Consists of one each No. F2 regular or toe dolly, No. F3 heel dolly, No. F4 bar dolly, No. F5 wedge dolly block, No. F6 general purpose dolly, No. F7 Budd dolly, No. F10 small hand hold dolly, No. F12 large hand hold dolly, No. F13 special door panel spoon, No. F15 wide body spoon, No. F16 panel spoon, No. F24 file holder, No. F25—14" flexible file blade, No. PH22 bumping hammer, No. PH23 light bumping hammer, No. PH24 dinging hammer, No. PH25 light dinging hammer, No. PH26 special bumping hammer. Furnished complete in strong, attractively finished metal box with removable tray, padlock hasp and end carrying handles. Box measures 20" x 8" x 5".

BONNEY

PUNCHES and CHISELS

Punches and Chisels are naturally subjected to very severe service. Bonney has spared no effort to meet these conditions and to offer the best in tools of this type. All are forged of the special alloy steel which stands up best in the service to which they are put and are carefully heat treated.

Heads are comparatively soft which reduces chipping and allows them to be readily redressed when battered.

Pin Punches



No.	Size Stock	Point Diameter	Length
C28	$\frac{3}{8}$ "	$\frac{1}{8}$ "	5"
C29	$\frac{1}{2}$ "	$\frac{5}{16}$ "	$5\frac{5}{8}$ "
C30	$\frac{5}{8}$ "	$\frac{1}{4}$ "	$6\frac{3}{8}$ "

Long Taper Punches



No.	Size Stock	Point Diameter	Length
C25	$\frac{3}{8}$ "	$\frac{5}{16}$ "	8"
C26	$\frac{1}{2}$ "	$\frac{3}{16}$ "	9"

Solid Punches



No.	Size Stock	Point Diameter	Length
C21	$\frac{3}{8}$ "	$\frac{1}{16}$ "	$5\frac{1}{2}$ "
C22	$\frac{1}{2}$ "	$\frac{3}{16}$ "	$6\frac{1}{4}$ "
C23	$\frac{5}{8}$ "	$\frac{1}{8}$ "	7"



Prick Punch



No.	Size Stock	Length
C32	$\frac{3}{8}$ "	5"

Center Punch



No.	Size Stock	Length
C34	$\frac{3}{8}$ "	5"

Pry or Pinch Bar



No.	Size Stock	Length
C38	$\frac{5}{8}$ "	16"

Pry Bar

A pry bar and lining up punch with powerful leverage for removing gears, bushings, bearings, ball races, etc.



No.	Size Stock	Length
C39	$\frac{9}{16}$ "	15 $\frac{1}{4}$ "

Flat Chisels



No.	Size Stock	Width of Cut	Length
C1	$\frac{1}{4}$ "	$\frac{5}{16}$ "	5"
C2	$\frac{3}{8}$ "	$\frac{1}{2}$ "	5 $\frac{1}{2}$ "
C3	$\frac{1}{2}$ "	$\frac{5}{8}$ "	6"
C4	$\frac{5}{8}$ "	$\frac{3}{4}$ "	6 $\frac{1}{2}$ "
C5	$\frac{3}{4}$ "	$\frac{7}{8}$ "	7 $\frac{1}{2}$ "
C6	$\frac{7}{8}$ "	1"	8 $\frac{1}{2}$ "
C7	1"	1 $\frac{1}{4}$ "	8 $\frac{1}{2}$ "

Long Flat Chisel



No.	Size Stock	Width of Cut	Length
C10	$\frac{3}{4}$ "	$\frac{3}{8}$ "	14"

Cape Chisels



No.	Size Stock	Width of Cut	Length
C12	$\frac{1}{2}$ "	$\frac{1}{4}$ "	6"
C13	$\frac{3}{8}$ "	$\frac{3}{8}$ "	7"

Diamond Point Chisels



No.	Size Stock	Width of Cut	Length
C15	$\frac{1}{2}$ "	$\frac{1}{4}$ "	6"
C16	$\frac{5}{8}$ "	$\frac{3}{8}$ "	7"

Round Nose Chisels



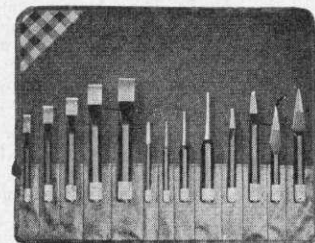
No.	Size Stock	Point Diameter	Length
C18	$\frac{1}{2}$ "	$\frac{1}{4}$ "	6"
C19	$\frac{5}{8}$ "	$\frac{3}{8}$ "	7"

Rivet Buster



No.	Size Stock	Width of Cut	Length
C36	$\frac{3}{4}$ "	$\frac{5}{8}$ "	12"

No. C46 Set - 13 Pieces



This set offers the mechanic a compact and complete assortment of chisels and punches to entirely cover his every day requirements. Nine chisels and four punches are included as follows—

Flat Chisels Nos. C2, C3, C4, C5, C6; Cape Chisels Nos. C12, C13; Diamond Point Chisels Nos. C15, C16; Pin Punches Nos. C28, C29, C30; Center Punch No. C34.



CHART OF WRENCH AND SOCKET OPENINGS AND SIZES OF BOLTS AND NUTS THEY FIT

Wrench Opening	Amer. Std. Reg. Bolts	Amer. Std. Reg. Nuts; Size Bolts	Amer. Std. Heavy Nuts (U.S.S.); Size Bolts	Amer. Std. Light Nuts (S.A.E.); Jam Nuts, Castle Nuts and Slotted Nuts; Size Bolts	Cap Screws	Set Screws	Machine Screw Nuts and Stove Bolt Nuts	Wrench Opening
5/32"	—	—	—	—	—	—	No. 0 & No. 1	5/32"
3/16"	—	—	—	—	—	—	No. 2 & No. 3	3/16"
1/4"	—	—	—	—	—	1/4"	No. 4	1/4"
5/16"	—	—	—	—	—	5/16"	No. 5 & No. 6	5/16"
11/32"	—	—	—	—	—	—	No. 8	11/32"
3/8"	1/4"	—	—	—	—	3/8"	No. 10	3/8"
7/16"	—	1/4"	—	1/4"	1/4"	7/16"	No. 12 & No. 14	7/16"
1/2"	5/16"	—	1/4"	5/16"	5/16"	1/2"	—	1/2"
9/16"	3/8"	5/16"	—	3/8"	3/8"	9/16"	5/16"	9/16"
19/32"	—	—	5/16"	—	—	—	—	19/32"
5/8"	7/16"	3/8"	—	7/16"	7/16"	5/8"	3/8"	5/8"
11/16"	—	—	3/8"	—	—	—	—	11/16"
3/4"	1/2"	7/16"	—	1/2"	1/2"	3/4"	—	3/4"
25/32"	—	—	7/16"	—	—	—	—	25/32"
13/16"	—	1/2"	—	—	9/16"	—	—	13/16"
7/8"	9/16"	9/16"	1/2"	9/16"	5/8"	7/8"	—	7/8"
15/16"	5/8"	—	9/16"	5/8"	—	—	—	15/16"
1"	—	5/8"	—	—	3/4"	1"	—	1"
1 1/16"	—	—	5/8"	3/4"	—	—	—	1 1/16"
1 1/8"	3/4"	3/4"	—	—	7/8"	1 1/8"	—	1 1/8"
1 1/4"	—	—	3/4"	7/8"	—	1 1/4"	—	1 1/4"
1 5/16"	7/8"	7/8"	—	—	1"	—	—	1 5/16"
1 3/8"	—	—	—	—	—	1 3/8"	—	1 3/8"
1 7/16"	—	—	7/8"	1"	—	—	—	1 7/16"
1 1/2"	1"	1"	—	—	1 1/8"	1 1/2"	—	1 1/2"
1 5/8"	—	—	1"	1 1/8"	—	—	—	1 5/8"
1 11/16"	1 1/8"	1 1/8"	—	—	1 1/4"	—	—	1 11/16"
1 13/16"	—	—	1 1/8"	1 1/4"	—	—	—	1 13/16"
1 7/8"	1 1/4"	1 1/4"	—	—	—	—	—	1 7/8"
2"	—	—	1 1/4"	1 3/8"	—	—	—	2"
2 1/16"	1 3/8"	1 3/8"	—	—	—	—	—	2 1/16"
2 3/16"	—	—	1 3/8"	1 1/2"	—	—	—	2 3/16"
2 1/4"	1 1/2"	1 1/2"	—	—	—	—	—	2 1/4"
2 3/8"	—	—	1 1/2"	—	—	—	—	2 3/8"
2 7/16"	1 5/8"	1 5/8"	—	—	—	—	—	2 7/16"
2 9/16"	—	—	1 5/8"	—	—	—	—	2 9/16"
2 5/8"	1 3/4"	1 3/4"	—	—	—	—	—	2 5/8"
2 3/4"	—	—	1 3/4"	—	—	—	—	2 3/4"
2 13/16"	1 7/8"	1 7/8"	—	—	—	—	—	2 13/16"
2 15/16"	—	—	1 7/8"	—	—	—	—	2 15/16"
3"	2"	2"	—	—	—	—	—	3"
3 1/8"	—	—	2"	—	—	—	—	3 1/8"
3 3/8"	2 1/4"	2 1/4"	—	—	—	—	—	—
3 1/2"	—	—	2 1/4"	—	—	—	—	—
3 3/4"	2 1/2"	2 1/2"	—	—	—	—	—	—
3 7/8"	—	—	2 1/2"	—	—	—	—	—
4 1/8"	2 3/4"	2 3/4"	—	—	—	—	—	—
4 1/4"	—	—	2 3/4"	—	—	—	—	—
4 1/2"	3"	3"	—	—	—	—	—	—
4 5/8"	—	—	3"	—	—	—	—	—
5"	—	—	3 1/4"	—	—	—	—	—
5 3/8"	—	—	3 1/2"	—	—	—	—	—
5 3/4"	—	—	3 3/4"	—	—	—	—	—
6 1/8"	—	—	4"	—	—	—	—	—



NUMERICAL INDEX

No.	Page	No.	Page	No.	Page	No.	Page	No.	Page	No.	Page
00A	13	1246	10	2811E	7	3428	9	4291	5	E46	7
001	13	1248	10	2812	7	3721	8	4295	5	EO2	13
003	13	1250	10	2812A	7	3723	8	4298	5	EO3	13
006	13	1252	10	2812B	7	3723A	8	4299	5	F2	15
0010	13	1256	10	2812C	7	3725	8	7940	10	F3	15
04	13	1258	10	2813	7	3725B	8	7941	10	F4	15
06	13	1260	10	2815	7	3727	8	7942	10	F5	15
08	13	1262	10	2815A	7	3729	8	7944	10	F6	15
012	13	1264	10	2815B	7	3731	8	7944A	10	F7	15
199	11	1264S	10	2819	7	3731A	8	A12	3	F10	15
420	9	1266	10	2821	7	3733	8	A14	3	F12	15
420A	9	1268	10	2866	5	3735	8	A16	3	F13	15
422	9	1272	10	2868	5	3737	8	A18	3	F15	16
424	9	1272S	10	2870	5	4001	5	A19	3	F16	16
424A	9	1276	10	2872	5	4002	5	A20	3	F18	5
424B	9	1721	9	2874	5	4012	3	A22	3		10
425	9	1723	9	2880	10	4014	3	A24	3	F24	16
425A	9	1723A	9	2881	10	4016	3	A25	3	F25	16
426A	9	1725	9	2883	10	4018	3	A26	3	F31	16
428	9	1725A	9	2884	10	4019	3	A28	3	F1018	12
1020	9	1725B	9	2885	7	4020	3	A30	3	F1024	12
1025	9	1727	9	2886	7	4022	3	A31	3	F1032	12
1027	9	1729	9	2887	7	4024	3	A32	3	F1218	12
1027A	9	1731	9	2888	7	4025	3	A34	3	F1224	12
1027C	9	1731A	9	2889	7	4026	3	A36	3	F1232	12
1028S	9	1731AL	11	2890	7	4028	3	A38	3	H10	8
1029	9	1731B	9	2890C	7	4030	3	A40	3	H12	8
1031	9	1733	9	2891	7	4031	3	C1	17	H14	8
1033A	9	1735	9	2891A	7	4032	3	C2	17	H15	8
1033C	9	1735L	11	2891C	7	4081	3	C3	17	H16	8
1034	9	1737	9	2892	7	4082	3	C4	17	H18	8
1034A	9	1739	9	2892B	7	4084	3	C5	17	HD28	5
1034AL	11	2420	10	2892C	7	4085	3	C6	17	HD30	5
1037	9	2422	10	2893	7	4086	3	C7	17	HD31	5
1037A	9	2424	10	2893A	7	4087	3	C10	17	HD32	5
1039	9	2426	10	2893B	7	4087A	3	C12	17	HD34	5
1039A	9	2428	10	2894	7	4090	3	C13	17	HD36	5
1040	9	2553	10	2894A	7	4090B	3	C15	17	HD38	5
1041	9	2561	11	2894B	7	4091X	3	C16	17	HD40	5
1159	11	2566	11	2894C	7	4091A	3	C18	17	HD42	5
1160	11	2566A	11	2895B	7	4091E	3	C19	17	HD44	5
1161	11	2591	5	2895C	7	4092	3	C21	16	HD46	5
1162	11	2628	12	2895E	7	4093	3	C22	16	HD48	5
1163	11	2680	11	2895H	7	4094	3	C23	16	HD50	5
1164	11	2723	10	2896	7	4095	3	C25	16	HD52	5
1165	11	2725B	10	2897	7	4096	3	C26	16	HD54	5
1166	11	2729	10	2898	7	4096A	3	C28	16	HD56	5
1167	11	2803	7	2898A	7	4098	3	C29	16	HD58	5
1167A	11	2804	7	3020	8	4112	3	C30	16	HD60	5
1168	11	2804C	7	3021	8	4114	3	C32	17	HD64	5
1170	11	2804L	7	3023	8	4116	3	C34	17	HS1018	12
1171	11	2805	7	3025	8	4118	3	C36	17	HS1024	12
1172	11	2805A	7	3027	8	4120	3	C38	17	HS1032	12
1173	11	2805L	7	3027C	8	4122	3	C39	17	HS1218	12
1174	11	2806	7	3028S	8	4124	3	CP1	14	HS1224	12
1176	11	2806C	7	3029	8	4128	3	CP2	14	HS1232	12
1224	10	2806L	7	3031	8	4132	3	CP3	14	K0015	12
1224A	10	2807	7	3033	8	4206	5	CP4	14	K002	12
1226	10	2807A	7	3033A	8	4211	5	D21	10	K004	12
1228	10	2808	7	3033C	8	4213	5	D2857	11	K005	12
1230	10	2808A	7	3034	8	4215	5	E14	8	K006	12
1232	10	2808B	7	3034A	8	4266	5	E16	8	K007	12
1232A	10	2809	7	3035	8	4268	5	E18	8	K008	12
1234	10	2809A	7	3037	8	4270	5	E20	8	K010	12
1236	10	2809C	7	3420	9	4272	5	E22	8	K012	12
1236S	10	2810	7	3420A	9	4284	5	E24	8	K013	12
1236X	10	2810A	7	3422	9	4285	5	E26	8	K015	12
1238	10	2810B	7	3424	9	4287	5	E28	8	K016	12
1240	10	2810C	7	3424A	9	4288	5	E30	8	K018	12
1241	10	2811	7	3424B	9	4289	5	E40	7	K024	12
1242	10	2811A	7	3425	9	4290	5	E42	7	K025	12
1244	10	2811B	7	3426	9	4290A	5	E44	7	K032	12



NUMERICAL INDEX (Continued)

No.	Page	No.	Page	No.	Page	No.	Page	No.	Page	No.	Page			
K035	12	LT22	2	T27	2	VS10	2	Square Bastard		Tool Sets				
K040	12	LT24	2	T28	2	VS12	2							
K4	12	LT26	2	T29A	2	W03	14							
K6	12	LT28	2	T30	2	W04	14							
K8	12	PH1	14	T31	2	W06	14							
K50	12	PH2	14	T32	2	W08	14	6"	13	16	8			
K51	12	PH5	14	T35	2	W010	14	8"	13	20	8			
K52	12	PH6	14	T36	2	WP1	14	10"	13	21	7			
K53	12	PH7	14	T42	2	WP2	14	12"	13	22	10			
K54	12	PH9	14	T128	2	WP3	14	14"	13	25	9			
K55	12	PH10	14	T140	2	WP4	14	Round Bastard		27	9			
K56	12	PH15	14	T160	2	X29	6			29A	7			
KF	12	PH19	14	T180	2	X30	6			36	7			
KL0015	12	PH20	14	T200	2	X31	6			39A	7			
KL002	12	PH22	15	T220	2	X32	6			42	11			
KL004	12	PH23	15	T240	2	X33	6	6"	13	49	11			
KL005	12	PH24	15	T260	2	X46	6	8"	13	Half-round Bastard	A2	4		
KL006	12	PH25	15	T280	2	X48	6	10"	13		C46	17		
KL007	12	PH26	15	TH10	2	X52	6	12"	13		CP	14		
KL008	12	PH27	15	TH12	2	X58	6	14"	13		FB7	16		
KL010	12	S4228	5	TH14	2	X60	6	Lead Float or Wood	12"		13	HD	6	
KL012	12	S4232	5	TH16	2	X64	6		10"	13	HD1	6		
KL013	12	S4234	5	TH18	2	X70	6		12"	13	LD1	4		
KL015	12	S4240	5	TH20	2	X72	6		14"	13	MC1	4		
KL018	12	S4246	5	TH22	2	X76	6		Extra-Slim Taper	12"	13	RS1	4	
KL024	12	S01	13	TH24	2	X78	6	14"		13	TD10	3		
KL025	12	S02	13	TS12	2	X80	6	File Handles		5"	13	TD12	3	
KL032	12	S04	13	TS14	2	X82	6			6"	13	V51	2	
KL035	12	S06	13	TS16	2	X84	6			8"	13	W05	14	
KL040	12	S08	13	TS18	2	X88	6		Flat Bastard	Small Medium Large	WP	14		
L401A	10	S012	13	TS20	2	X94	6				FILES Mill Bastard	6" 8" 10" 12" 14" 16"	XH	6
L402	10	SP1	14	TU14	2	X100	6	Z22					9	
L403	10	SP2	14	TU16	2	Flat Bastard		6" 8" 10" 12" 14"					Z23	9
L404	10	T2	2	TU18	2								Z25	8
LD16	3	T3	2	TU20	2				Z26	8				
LD18	3	T4	2	V6	2									
LD20	3	T5	2	V7	2									
LD22	3	T6	2	V8	2									
LD24	3	T7	2	V9	2									
LD26T	3	T8	2	V10	2									
LD28	3	T9	2	V11	2									
LD28T	3	T10	2	V12	2									
LD30	3	T12	2	V14	2									
LD32	3	T14	2	V17	2									
LD34	3	T16	2	V18	2									
LD36	3	T18	2	V19	2									
LT12	2	T19	2	V22	2									
LT14	2	T20	2	V25	2									
LT16	2	T22	2	V26	2									
LT18	2	T24	2	V27	2									
LT20	2	T26	2	VS8	2									

Printed in U. S. A.

List and Dealer Net Prices Applying to Catalog No. 43

February 1946

Prices in Effect March 1942

SUPERSEDING ALL PREVIOUS PRICE LISTS

All list prices subject to substantial discount.

BONNEY FORGE & TOOL WORKS

ALLENTOWN, PA.

Tool No.	Cat. Page	List Price	Dealer Net	Tool No.	Cat. Page	List Price	Dealer Net	Tool No.	Cat. Page	List Price	Dealer Net	Tool No.	Cat. Page	List Price	Dealer Net
00A	85	\$0.25	\$0.15	1027C	58	\$1.50	\$0.75	1248	73	\$2.00	\$1.00	1725A	58	\$1.20	\$0.60
001	85	.42	.21	1028	58	1.85	.90	1250	73	2.00	1.00	1725B	58	1.20	.60
003	84	1.10	.55	1028S	58	1.85	.90	1252	73	2.00	1.00	1726	58	1.50	.75
006	84	1.45	.70	1029	58	1.85	.90	1256	73	2.50	1.25	1727	58	1.50	.75
0010	84	1.60	.80	1030	59	1.85	.90	1258	73	2.50	1.25	1728	58	1.85	.90
04	84	1.45	.70	1030D	59	1.85	.90	1260	73	2.50	1.25	1729	58	1.85	.90
06	84	1.85	.90	1031	59	2.45	1.20	1262	73	2.50	1.25	1730	58	1.85	.90
08	84	2.35	1.15	1032	59	2.45	1.20	1264	73	2.50	1.25	1731	59	2.45	1.20
012	84	2.75	1.35	1033	59	2.45	1.20	1264S	73	2.50	1.25	1731A	59	2.45	1.20
056	39	Discontinued		1033A	59	2.45	1.20	1266	73	2.50	1.25	1731AL	77	4.00	2.00
0907	66	"	"	1033C	59	3.35	1.65	1268	73	2.50	1.25	1731B	59	2.45	1.20
0908	66	"	"	1034	59	3.35	1.65	1272	73	2.50	1.25	1732	59	2.45	1.20
0909	66	"	"	1034A	59	3.35	1.65	1272S	73	2.50	1.25	1732A	59	2.45	1.20
0910	66	"	"	1034AL	77	4.60	2.30	1276	73	2.50	1.25	1733	59	3.35	1.65
0911	66	"	"	1035	59	3.35	1.65	1401	66	Discontinued		1734	59	3.35	1.65
0912	66	"	"	1036	59	4.70	2.35	1401A	66	"	"	1735	59	4.70	2.35
0913	66	"	"	1037	59	4.70	2.35	1402	66	"	"	1735L	77	7.00	3.50
0914	66	"	"	1037E	59	4.70	2.35	1402A	66	"	"	1736	59	4.70	2.35
0915	66	"	"	1037F	59	4.70	2.35	1403	66	"	"	1737	59	4.70	2.35
2P3	87	Discontinued		1038	59	7.35	3.65	1403A	66	"	"	1738	59	7.35	3.65
56	39	20.50	8.80	1039	59	7.35	3.65	1404	66	"	"	1739	59	7.35	3.65
66	38	Discontinued		1040	59	7.35	3.65	1404A	66	"	"	1739A	59	7.35	3.65
199	78	2.50	1.25	1041	59	13.20	6.60	1405	66	"	"	1739B	59	7.35	3.65
Pkg. 5	78	.85	.40	1070	67	Discontinued		1406	66	"	"	1808	50	Discontinued	
Ex. Bl'ds	61	Discontinued		1071	67	"	"	1501	66	"	"	1808A	50	"	"
401	61	"	"	1072	67	"	"	1501A	66	"	"	1809	50	"	"
401A	61	"	"	1073	67	"	"	1502	66	"	"	1809A	50	"	"
402	61	"	"	1159	62	1.40	.70	1502A	66	"	"	1810	50	"	"
402A	61	"	"	1160	62	1.40	.70	1503	66	"	"	1810A	50	"	"
403	61	"	"	1161	62	1.50	.75	1503A	66	"	"	1811	50	"	"
403A	61	"	"	1162	62	1.70	.85	1504	66	"	"	1812	50	"	"
404	61	"	"	1163	62	1.80	.90	1505	66	"	"	1813	"	"	"
404A	61	"	"	1164	62	2.00	1.00	1506	66	"	"	1814	"	"	"
405	61	"	"	1165	62	2.10	1.05	1506A	66	"	"	1820	50	"	"
406	61	"	"	1166	62	2.20	1.10	1507	66	"	"	1821	50	"	"
406A	61	"	"	1167	62	2.40	1.20	1507A	66	"	"	1822	50	"	"
407	61	"	"	1167A	62	2.40	1.20	1508	66	"	"	1823	50	"	"
407A	61	"	"	1168	62	2.60	1.30	1508A	66	"	"	1824	50	"	"
408	61	"	"	1170	62	3.20	1.60	1509	66	"	"	1825	50	"	"
408A	61	"	"	1171	62	3.90	1.95	1509A	66	"	"	1826	50	"	"
409	61	"	"	1172	62	3.90	1.95	1523	67	"	"	1827	50	"	"
420	60	1.20	.60	1173	62	5.50	2.75	1524	67	"	"	1903	66	"	"
420A	60	1.20	.60	1174	62	6.00	3.00	1525	67	"	"	1903A	66	"	"
422	60	1.20	.60	1176	62	6.50	3.25	1526	67	"	"	1905	66	"	"
424	60	1.30	.65	1203	66	Discontinued		1527	67	"	"	1905A	66	"	"
424A	60	1.30	.65	1203A	66	"	"	1528	67	"	"	1906	66	"	"
424B	60	1.30	.65	1205	66	"	"	1529	67	"	"	1907	66	"	"
425	60	1.40	.70	1205A	66	"	"	1530	67	"	"	1907A	66	"	"
425A	60	1.40	.70	1206B	66	"	"	1531	67	"	"	1908	66	"	"
426	60	1.40	.70	1207	66	"	"	1532	67	"	"	1908A	66	"	"
426A	60	1.40	.70	1207A	66	"	"	1533	67	"	"	1909	66	"	"
428	60	1.60	.80	1208	66	"	"	1534	67	"	"	1910	66	"	"
1000	67	Discontinued		1208A	66	"	"	1535	67	"	"	1911	66	"	"
1000A	67	"	"	1209	66	"	"	1536	67	"	"	1912	66	"	"
1001	67	"	"	1209A	66	"	"	1537	67	"	"	1932	67	3.10	1.55
1002	67	"	"	1210	66	"	"	1538	67	"	"	1934	67	3.10	1.55
1003	67	"	"	1211	66	"	"	1539	67	"	"	1936	67	3.10	1.55
1004	67	"	"	1212	66	"	"	1540	67	"	"	1940	67	3.10	1.55
1005	67	"	"	1224	73	1.80	.90	1541	67	"	"	1944	67	3.10	1.55
1006	67	"	"	1224A	73	1.80	.90	1700	67	"	"	1946	67	3.60	1.80
1007	67	"	"	1226	73	1.80	.90	1701	67	"	"	1948	67	3.60	1.80
1008	67	"	"	1228	73	1.80	.90	1702	67	"	"	1950	67	3.10	1.55
1009	67	"	"	1230	73	1.80	.90	1703	67	"	"				
1010	67	"	"	1232	73	1.80	.90	1704	67	"	"	1952	67	3.60	1.80
1011	67	"	"	1232A	73	1.80	.90	1705	67	"	"	1956	67	3.90	1.95
1012	67	"	"	1234	73	1.80	.90	1706	67	"	"	1958	67	3.90	1.95
1020	58	.75	.35	1236	73	1.80	.90	1707	67	"	"	1960	67	3.90	1.95
1021	58	.85	.40	1236S	73	1.80	.90	1708	67	"	"	1964	67	3.90	1.95
1022	58	1.00	.50	1236X	73	1.80	.90	1708A	67	"	"	1966	67	3.90	1.95
1023	58	1.00	.50	1238	73	1.80	.90	1709	67	"	"	1970	67	3.90	1.95
1024	58	1.20	.60	1240	73	1.80	.90	1721	58	.85	.40	2021	63	Discontinued	
1025	58	1.20	.60	1241	73	1.80	.90	1722	58	.85	.40	2022	63	"	"
1026	58	1.50	.75	1242	73	2.00	1.00	1723	58	.85	.40	2023	63	"	"
1027	58	1.50	.75	1244	73	2.00	1.00	1723A	58	1.00	.50	2024	63	"	"
1027A	58	1.50	.75	1246	73	2.00	1.00	1725	58	1.20	.60	2025	63	"	"

Tool No.	Cat. Page	List Price	Dealer Net	Tool No.	Cat. Page	List Price	Dealer Net	Tool No.	Cat. Page	List Price	Dealer Net	Tool No.	Cat. Page	List Price	Dealer Net
2026	63	Discontinued		2724	63	Discontinued		3034A	56	\$3.95	\$1.95	4284	43	\$ 7.00	\$3.50
2027	63	"	"	2725	63	"	"	3035	56	3.95	1.95	4285	43	16.70	8.35
2027C	63	"	"	2725A	63	"	"	3037	56	5.50	2.75	4287	43	5.20	2.60
2028	63	"	"	2725B	63	"	"	3118A	72	Discontinued		4288	43	9.30	4.65
2028S	63	"	"	2726	63	"	"	3420	57	1.70	.85	4289	43	1.40	.70
2029	63	"	"	2727	63	"	"	3420A	57	1.70	.85	4290	43	4.00	2.00
2030	63	"	"	2728	63	"	"	3422	57	1.70	.85	4290A	43	2.90	1.45
2031	63	"	"	2729	63	"	"	3424	57	1.95	.95	4291	43	4.20	2.10
2032	63	"	"	2730	63	"	"	3424A	57	1.95	.95	4295	43	10.65	5.30
2033	63	"	"	2731	63	"	"	3424B	57	1.95	.95	4296	37	1.55	.75
2033A	63	"	"	2731A	63	"	"	3425	57	2.15	1.05	4297	37	1.55	.75
2101	64	"	"	2731B	63	"	"	3426	57	2.15	1.05	4298	37	1.55	.75
2102	64	"	"	2732	63	"	"	3428	57	2.45	1.20	4299	37	1.55	.75
2103	64	"	"	2732A	63	"	"	3721	56	1.25	.60	4564	76	Discontinued	
2104	64	"	"	2804	46	1.30	.65	3723	56	1.35	.65	4568	73	"	"
2105	64	"	"	2804B	46	1.40	.70	3723A	56	1.35	.65	6603	37	1.35	.65
2105A	70	"	"	2804C	46	1.40	.70	3725	56	1.55	.75	6603A	37	1.35	.65
2106	64	"	"	2804L	46	1.40	.70	3725B	56	1.55	.75	6603B	37	1.35	.65
2107	64	"	"	2805	46	1.40	.70	3727	56	1.85	.90	6603C	37	1.35	.65
2108	64	"	"	2805A	46	1.35	.65	3729	56	2.40	1.20	6603D	37	1.35	.65
2109	64	"	"	2805B	46	1.50	.75	3731	56	3.15	1.55	6606	37	1.50	.75
2110	64	"	"	2805L	46	1.50	.75	3731A	56	3.15	1.55	6606A	37	1.50	.75
2201	64	"	"	2806	46	1.55	.75	3733	56	3.95	1.95	6606B	37	1.50	.75
2202	64	"	"	2806A	46	1.55	.75	3735	56	5.50	2.75	7940	68	3.00	1.50
2203	64	"	"	2806L	46	1.55	.75	3737	56	5.50	2.75	7941	68	3.00	1.50
2204	64	"	"	2807	46	1.80	.90	4001	36	1.15	.55	7942	68	1.35	.65
2205	64	"	"	2807A	46	1.80	.90	4002	36	1.55	.75	7944	68	3.00	1.50
2206	64	"	"	2808	46	2.00	1.00	4012	18	.90	.45	7944A	68	3.00	1.50
2207	64	"	"	2808B	46	2.00	1.00	4014	18	.90	.45	8385	103	Discontinued	
2208	64	"	"	2809	46	2.30	1.15	4016	18	.90	.45	8386	103	"	"
2209	64	"	"	2809A	46	2.30	1.15	4018	16	.90	.45	A14	16	.90	.45
2210	64	"	"	2809C	46	2.30	1.15	4019	18	.90	.45	A16	16	.90	.45
2270A	64	"	"	2810	46	2.75	1.35	4020	18	.90	.45	A18	16	.90	.45
2270D	64	"	"	2810A	46	2.75	1.35	4021	18	.90	.45	A19	16	.90	.45
2270S	64	"	"	2810B	46	2.75	1.35	4022	16	1.10	.55	A20	16	.90	.45
2271A	64	"	"	2810C	46	2.75	1.35	4024	16	1.15	.55	A22	16	1.10	.55
2271D	64	"	"	2811	46	3.80	1.90	4025	16	1.15	.55	A24	16	1.15	.55
2273A	64	"	"	2811A	46	3.80	1.90	4026	16	1.15	.55	A25	16	1.15	.55
2274D	64	"	"	2811B	46	3.80	1.90	4028	16	1.15	.55	A26	16	1.15	.55
2275A	64	"	"	2811E	46	3.80	1.90	4030	16	1.40	.70	A28	16	1.15	.55
2275D	64	"	"	2812	46	4.90	2.45	4031	16	1.40	.70	A30	16	1.40	.70
2276A	64	"	"	2812A	46	6.15	3.05	4032	16	1.40	.70	A31	16	1.40	.70
2277A	64	"	"	2812B	46	4.50	2.25	4081	17	2.70	1.35	A32	16	1.40	.70
2401	64	"	"	2812C	46	4.50	2.25	4082	17	2.30	1.15	B5	88	Discontinued	
2402	64	"	"	2813	46	6.40	3.20	4084	17	3.40	1.70	B6	88	"	"
2403	64	"	"	2815	46	11.00	5.50	4085	17	3.60	1.80	B8	88	"	"
2404	64	"	"	2815A	46	12.75	6.35	4086	17	2.30	1.15	B10	88	"	"
2405	64	"	"	2819	46	13.80	6.90	4087	17	2.50	1.25	B11	89	"	"
2406	64	"	"	2821	46	21.15	10.55	4087A	17	2.70	1.35	B12	89	"	"
2407	64	"	"	2832	48	Discontinued		4090	17	2.20	1.10	B15	88	"	"
2408	64	"	"	2834	48	"	"	4090B	17	1.60	.80	B17	89	"	"
2409	64	"	"	2836	48	"	"	4091X	17	2.60	1.30	B18	89	"	"
2410	64	"	"	2839	48	"	"	4091A	17	2.85	1.40	B21	90	"	"
2416	71	"	"	2840	69	"	"	4091E	17	3.50	1.75	B22	89	"	"
2420	68	\$0.80	\$0.40	2857	70	2.15	1.05	4092	17	.70	.35	B23	89	"	"
2422	68	.80	.40		76	"	"	4093	17	5.90	2.95	B24	90	"	"
2424	68	.80	.40	D2857	70	2.15	1.05	4094	17	.90	.45	B25	90	"	"
2426	68	.80	.40		76	"	"	4095	17	3.40	1.70	B307	"	"	"
2428	68	.80	.40	2862	77	Discontinued		4096	17	5.20	2.60	B407	"	"	"
2503	64	Discontinued		2866	38	1.10	.55	4096A	17	4.60	2.30	B410	"	"	"
2505	64	"	"	2868	36	1.35	.65	4098	17	8.00	4.00	B420	"	"	"
2526	77	"	"	2870	36	1.50	.75	4098A	17	Discontinued		B424	"	"	"
2526A	77	"	"	2872	36	1.60	.80	4112	16	.90	.45	B437	"	"	"
2526B	77	"	"	2874	36	1.20	.60	4114	16	.90	.45	B537	"	"	"
2537	77	"	"	2881	72	2.00	1.00	4116	16	.90	.45	BA52	49	"	"
2538	77	"	"		69	"	"	4118	16	.90	.45	BA56	49	"	"
2540	69	"	"	2882	70	Discontinued		4120	16	.90	.45	BA58	49	"	"
2553	68	"	"	2883	72	2.00	1.00	4122	16	.90	.45	BA60	49	"	"
2561	76	2.40	1.20	2884	69	2.00	1.00	4124	16	1.15	.55	BA64	49	"	"
2566	76	.95	.45	2885	47	1.30	.65	4128	16	1.15	.55	BA70	49	"	"
2566A	76	.95	.45	2886	47	1.30	.65	4132	16	1.50	.75	BA72	49	"	"
2581	77	Discontinued		2887	47	1.35	.65	4201	37	Discontinued		BH32	49	"	"
2582	77	1.35	.65	2888	47	1.40	.70	4202	37	"	"	BO52	49	"	"
2586	71	Discontinued		2890	47	1.40	.70	4203	37	"	"	BO54	49	"	"
2587	70	"	"	2890B	47	1.45	.70	4204	37	"	"	BO56	49	"	"
2588	71	3.00	1.50	2890C	47	1.45	.70	4206	37	1.55	.75	BO58	49	"	"
2589	77	Discontinued		2891	47	1.50	.75	4207	37	Discontinued		BO60	49	"	"
2591	36	4.20	2.10	2891A	47	1.50	.75	4208	37	"	"	BO64	49	"	"
2592	69	Discontinued		2891C	47	1.55	.75	4209	37	"	"	BO70	49	"	"
2597	69	"	"	2892	47	1.75	.85	4210	37	"	"	BO72	49	"	"
2599	76	2.00	1.00	2892B	47	1.75	.85	4211	37	2.00	1.00	BW4	49	Discontinued	
	71	"	"	2893	47	1.95	.95	4212	37	Discontinued		Jaw for	"	"	"
2612	72	1.25	.60	2893A	47	1.95	.95	4213	37	3.00	1.50	BW4	"	"	"
2613	39	2.35	1.15	2893B	47	1.95	.95	4215	37	1.55	.75	Knurl	"	"	"
2614	39	2.65	1.30	2894	47	2.75	1.35	4228	42	Discontinued		for BW4	"	"	"
2615	39	2.65	1.30	2894A	47	2.75	1.35	4230	42	"	"	Pin for	"	"	"
2615A	39	2.65	1.30	2894B	47	2.75	1.35	4231	42	"	"	BW4	"	"	"
2616	39	3.00	1.50	2895	47	4.00	2.00	4232	42	"	"	Spring	"	"	"
	73	"	"	2895A	47	4.00	2.00	4234	42	"	"	for BW4	"	"	"
2618	72	1.35	.65	2895B	47	4.00	2.00	4236	42	"	"	BW6	"	"	"
2626	70	2.00	1.00	2895C	47	4.00	2.00	4238	42	"	"	Jaw for	"	"	"
	73	"	"	2896	47	4.50	2.25	4240	42	"	"	BW6	"	"	"
2628	78	2.25	1.10	2897	47	5.20	2.60	4242	42	"	"	Knurl	"	"	"
2629	72	1.80	.90	3020	56	1.25	.60	4244	42	"	"	for BW6	"	"	"
	77	"	"	3021	56	1.25	.60	4246	42	"	"	Pin for	"	"	"
2680	75	3.75	1.85	3023	56	1.35	.65	4248	42	"	"	BW6	"	"	"
	88	"	"	3025	56	1.55	.75	4252	42	"	"	Spring	"	"	"
2721	63	Discontinued		3027	56	1.85	.90	4254	42	"	"	for BW6	"	"	"
2722	63	"	"	3027C	56	1.85	.90	4256	42	"					

Tool No.	Cat. Page	List Price	Dealer Net	Tool No.	Cat. Page	List Price	Dealer Net	Tool No.	Cat. Page	List Price	Dealer Net	Tool No.	Cat. Page	List Price	Dealer Net
BW10		Discontinued		F12	97	\$3.00	\$1.50	K25	83	Discontinued		PH40	93	\$2.85	\$1.40
Jaw for		"	"	F13	98	2.50	1.25	K26	83	"	"	Ex. Tip			
BW10		"	"	F14	98	Discontinued		K27	83	"	"	for PH40,			
Knurl		"	"	F15	98	2.10	1.05	K28	83	"	"	each	93	.85	.40
for BW10		"	"	F16	98	2.10	1.05	K29	83	"	"	PH41	93	3.20	1.60
Pin for		"	"	F17	98	Discontinued		K50	(75)	\$1.65	\$0.80	Ex. Tip			
BW10		"	"	F18	(38)	1.00	.50		(79)			for PH41			
Spring		"	"		(70)			K51	79	2.50	1.25	cross or			
for BW10		"	"	F19	98	Discontinued		K52	79	1.65	.80	straight			
BW12		"	"	F20	98	"	"	K53	79	3.30	1.65	pein, ea.	93	1.00	.50
Jaw for		"	"	F24	96	3.60	1.50	K54	79	1.25	.60	PH42	93	2.70	1.35
BW12		"	"	F25	96	5.10	2.15	K55	79	2.50	1.25	Reg. Tip			
Knurl		"	"	F25X	96	8.70	3.65	K56	79	.40	.20	for PH42	93	ea. .70	ea. .35
for BW12		"	"	F26 Set	96	30.60	12.90	KF	80	2.60	1.30	Ball Pein			
Pin for		"	"	F31	98	3.75	1.45	KLOO15	79	1/2 d. 2.40	ea. .20	Tip for			
BW12		"	"	F32	96	6.70	2.80	KLOO2	79	1/2 d. 2.40	ea. .20	PH43	93	ea. .85	ea. .40
Spring		"	"	F32B	96	4.30	1.80	KLOO4	79	1/2 d. 2.40	ea. .20	PH43	93	3.35	1.65
for BW12		"	"	F32H	96	2.40	1.00	KLOO5	79	1/2 d. 2.40	ea. .20	Offset			
C1	102	\$0.75	.35	F33	96	5.85	2.45	KLOO6	79	1/2 d. 2.40	ea. .20	Pein or			
C2	102	.85	.40	F33B	96	4.30	1.80	KLOO7	79	1/2 d. 2.40	ea. .20	Square			
C3	102	.95	.45	F33H	96	1.55	.65	KLOO8	79	1/2 d. 2.40	ea. .20	Tip for			
C4	102	1.20	.60	F34	96	5.85	2.45	KLO10	79	1/2 d. 2.40	ea. .20	PH43, ea.	93	1.10	.55
C5	102	1.50	.75	F34B	96	4.30	1.80	KLO12	79	1/2 d. 2.40	ea. .20	PH44	93	Discontinued	
C6	102	1.85	.90	F34H	96	1.55	.65	KLO13	79	1/2 d. 2.40	ea. .20	Reg. Tip			
C7	102	2.35	1.15	F35	96	4.40	1.85	KLO15	79	1/2 d. 2.40	ea. .20	for PH44	93	"	"
C10	102	2.35	1.15	F35B	96	3.55	1.50	KLO18	79	1/2 d. 2.40	ea. .20	Tip for			
C12	102	1.00	.50	F35H	96	.85	.35	KLO24	79	1/2 d. 2.40	ea. .20	Brass			
C13	102	1.25	.60	F36	96	4.40	1.85	KLO25	79	1/2 d. 2.40	ea. .20	Insert			
C15	102	1.00	.50	F36B	96	3.55	1.50	KLO32	79	1/2 d. 2.40	ea. .20	for PH44	93	"	"
C16	102	1.25	.60	F36H	96	.85	.35	KLO35	79	1/2 d. 2.40	ea. .20	Brass			
C18	102	1.00	.50	F37	96	4.40	1.85	KLO40	79	1/2 d. 2.40	ea. .20	Insert			
C19	102	1.25	.60	F37B	96	3.55	1.50	L401A	60	2.20	1.10	only for			
C21	101	.70	.35	F37H	96	.85	.35	L402	60	2.20	1.10	PH44	93	"	"
C22	101	.80	.40	F38	96	6.55	2.75	L403	60	2.20	1.10	Tip &			
C23	101	1.10	.55	F38B	96	4.80	2.00	L404	60	2.35	1.15	Brass			
C25	101	1.00	.50	F38H	96	1.80	.75	LD16	32	1.50	.75	Insert			
C26	101	1.10	.55	F40 Set	96	13.20	5.55	LD18	32	1.50	.75	for PH44	93	"	"
C28	101	.75	.35	F1018	78	dz. 1.40	dz. .70	LD20	32	1.60	.80	RF59	81	2.95	1.45
C29	101	.85	.40	F1024	78	dz. 1.40	dz. .70	LD22	32	1.60	.80	RF60	81	.40	.20
C30	101	1.20	.60	F1032	78	dz. 1.40	dz. .70	LD24	32	1.60	.80	RF61	81	.40	.20
C32	101	.70	.35	F1218	78	dz. 1.70	dz. .85	LD25	32	1.60	.80	RF62	81	.45	.20
C34	101	.70	.35	F1224	78	dz. 1.70	dz. .85	LD26T	32	1.60	.80	RF63	81	.45	.20
C36	102	2.35	1.15	F1232	78	dz. 1.70	dz. .85	LD28	32	1.60	.80	RF64	81	.50	.25
C38	101	2.60	1.30	H10	54	.95	.45	LD28T	32	1.60	.80	RF65	81	.50	.25
C39	101	2.10	1.05	H12	54	.95	.45	LD30	32	1.75	.85	RF70	81	Discontinued	
CP1	87	1.50	.75	H14	54	1.05	.50	LD32	32	1.95	.95	S4228	42	2.90	1.45
CP2	87	1.70	.85	H15	54	1.05	.50	LD32T	32	1.95	.95	S4232	42	3.00	1.50
CP3	87	2.10	1.05	H16	54	1.05	.50	LD34	32	1.95	.95	S4234	42	3.10	1.55
CP4	87	3.00	1.50	H18	54	1.05	.50	LD36	32	2.15	1.05	S4240	42	3.80	1.90
D12	16	.90	.45	HD28	42	1.40	.70	LT14	10	1.00	.50	S4246	42	6.30	2.65
D14	16	Discontinued		HD30	42	1.60	.80	LT16	10	1.00	.50	SO1	85	.95	.45
D16	16	"	"	HD31	42	1.60	.80	LT18	10	1.00	.50	SO2	85	.75	.35
D17	16	"	"	HD32	42	1.60	.80	LT20	10	1.00	.50	SO4	84	1.50	.75
D18	16	"	"	HD34	42	1.70	.85	LT22	10	1.15	.55	SO6	84	2.00	1.00
D19	16	"	"	HD36	42	1.80	.90	LT24	10	1.35	.65	SO8	84	2.50	1.25
D20	16	"	"	HD38	42	1.80	.90	LT26	10	1.35	.65	SO12	84	3.50	1.50
D21	(16)	.90	.45	HD40	42	2.00	1.00	LT28	10	1.35	.65	SP1	87	.70	.35
	(71)			HD42	42	2.00	1.00	P10	37	Discontinued		SP2	87	.70	.35
D22	16	Discontinued		HD44	42	2.00	1.00	P12	37	"	"	T2	11	1.95	.95
D24	16	"	"	HD46	42	2.40	1.20	P14	37	"	"	T3	11	3.10	1.55
D25	16	"	"	HD48	42	2.40	1.20	P16	37	"	"	T4	11	1.95	.95
D26	16	"	"	HD50	42	2.50	1.25	P18	37	"	"	T5	11	2.35	1.15
D28	16	"	"	HD52	42	3.00	1.50	P20	37	"	"	T6	11	1.90	.95
D30	16	"	"	HD54	42	5.40	2.70	P22	37	"	"	T7	11	1.40	.70
D31	16	"	"	HD58	42	5.80	2.90	P24	37	"	"	T8	11	1.40	.70
D32	16	"	"	HD60	42	5.80	2.90	PH1	92	2.00	1.00	T9	11	2.60	1.30
D34	16	1.55	.75	HD64	42	5.90	2.95	PH2	92	2.00	1.00	T10	10	.90	.45
D36	16	1.70	.85	HS1018	78	dz. 5.60	dz. 2.80	PH5	92	2.10	1.05	T12	10	.90	.45
D38	16	1.85	.90	HS1024	78	dz. 5.60	dz. 2.80	PH6	92	2.10	1.05	T14	10	.90	.45
D40	16	1.85	.90	HS1032	78	dz. 5.60	dz. 2.80	PH7	92	2.20	1.10	T16	10	.90	.45
D2857	(70)	2.15	1.05	HS1218	78	dz. 6.70	dz. 3.35	PH9	92	2.45	1.20	T18	10	.90	.45
	(76)			HS1224	78	dz. 6.70	dz. 3.35	PH10	92	2.85	1.40	T19	10	.90	.45
E2	55	.60	.30	HS1232	78	dz. 6.70	dz. 3.35	PH13	92	3.70	1.85	T20	10	.90	.45
E3	55	.60	.30	KOO15	79	1/2 dz. .90	ea. .10	PH15	93	2.50	1.25	T22	10	1.05	.55
E4	55	.60	.30	KOO2	79	1/2 dz. .90	ea. .10	Ex. Tip				T24	10	1.05	.55
E5	55	.60	.30	KOO4	79	1/2 dz. .90	ea. .10	for PH15,				T26	10	1.25	.60
E6	55	1.00	.50	KOO5	79	1/2 dz. .90	ea. .10	each	93	.70	.35	T27	11	1.00	.50
E7	55	.80	.40	KOO6	79	1/2 dz. .90	ea. .10	PH17	93	1.60	.80	T28	11	3.75	1.85
E8	55	.80	.40	KOO7	79	1/2 dz. .90	ea. .10	Ex. Tip				T29A	11	.65	.30
E9	55	.80	.40	KOO8	79	1/2 dz. .90	ea. .10	for PH17,				T30	11	3.35	1.65
E10	55	.80	.40	KO10	79	1/2 dz. .90	ea. .10	each	93	.45	.20	T31	11	1.30	.65
E11	55	1.30	.65	KO12	79	1/2 dz. .90	ea. .10	PH18	93	1.90	.95	T32	11	.50	.25
E14	54	1.05	.50	KO13	79	1/2 dz. .90	ea. .10	Ex. Tip				T33	(11)	1.90	.95
E16	54	1.05	.50	KO15	79	1/2 dz. .90	ea. .10	for PH18,					(87)		
E18	54	1.05	.50	KO16	79	1/2 dz. .90	ea. .10	each	93	.50	.25	T35	11	6.25	3.10
E20	54	1.05	.50	KO18	79	1/2 dz. .90	ea. .10	PH19	92	3.35	1.65	T36	11	1.70	.85
E22	54	1.15	.55	KO24	79	1/2 dz. .90	ea. .10	PH20	93	3.00	1.50	T42	11	1.70	.85
E24	54	1.15	.55	KO25	79	1/2 dz. .90	ea. .10	Ex. Tip				T128	10	1.25	.60
E26	54	1.35	.65	KO32	79	1/2 dz. .90	ea. .10	for PH20,				T140	10	1.00	.50
E28	54	1.35	.65	KO35	79	1/2 dz. .90	ea. .10	each	93	.75	.35	T160	10	1.00	.50
E30	54	1.60	.75	KO40	79	1/2 dz. .90	ea. .10	PH21	93	5.85	2.90	T180	10	1.00	.50
E40	48	.95	.45	K4	80	2.00	1.00	Ex. Tip				T200	10	1.00	.50
E42	48	.95	.45	K6	80	2.10	1.05	for PH21,				T220	10	1.15	.55
E44	48	.95	.45	K8	80	2.20	1.10	each	93	1.00	.50	T240	10	1.35	.65
E46	48	.95	.45	K10	83	Discontinued		PH22	94	2.35	1.15	T260	10	1.35	.65
EO2	85	.85	.40	K11	83	"	"	PH23	94	2.35	1.15	T280	10	1.35	.65
EO3	85	1.25	.60	K12	83	"	"	PH24	94	3.70	1.85	TH10	10	.90	.45
EO3Tube	85	.40	.20	K13	83	"	"	PH25	94	3.70					

Tool No.	Cat. Page	List Price	Dealer Net	Tool No.	Cat. Page	List Price	Dealer Net	Tool No.	Cat. Page	List Price	Dealer Net	Tool No.	Cat. Page	List Price	Dealer Net				
TS20	10	\$1.20	\$0.60	7/8-18	74	\$0.50	\$0.25	TOOL SETS								W8	86	Discontinued	
TU14	10	3.00	1.50	1-14	74	.50	.25	Because of the many items which we have been forced to discontinue, we cannot guarantee to supply complete sets.								WD	22	"	"
TU16	10	3.00	1.50	1 1/8-12	74	1.00	.50									WO5	86	\$ 5.10	\$2.30
TU18	10	3.30	1.65	1 1/4-12	74	1.00	.50	In the event that a set or sets are ordered and we are unable to complete the set as shown in our catalog, we will ship all items possible, cancelling the balance and give credit for the unshipped items.								WP	87	3.45	2.00
TU20	10	3.30	1.65	FILES												WS	22	38.75	17.45
V6	7	.65	.30	MILL BASTARD				XH	45	85.40	29.45								
V7	7	.65	.30	6"	80	dz. 4.75	ea. .20	Z22CB	57	11.60	5.20								
V8	7	.65	.30	8"	80	dz. 5.75	ea. .25	Z22LR	57	13.20	5.95								
V9	7	.65	.30	10"	80	dz. 7.50	ea. .30	Z23LR	57	16.95	7.65								
V10	7	.65	.30	12"	80	dz. 10.00	ea. .40	Z25CB	56	14.25	6.40								
V11	7	.65	.30	14"	80	dz. 14.25	ea. .60	Z25LR	56	15.95	7.20								
V12	7	.65	.30	16"	80	dz. 19.60	ea. .80	Z26LR	56	17.95	8.15								
V14	7	.65	.30	FLAT BASTARD				Z31CB	53	13.00	5.85								
V17	7	1.50	.75	6"	80	dz. 5.75	ea. .25	Z31LR	53	14.45	6.50								
V18	7	1.25	.60	8"	80	dz. 9.35	ea. .40	Z33CB	53	Discontinued									
V19	7	.90	.45	10"	80	dz. 12.95	ea. .55	Z33MB	53	"	"								
V20	7	Discontinued		12"	80	dz. 17.75	ea. .75	Z34CB	52	"	"								
V22	7	1.50	.75	SQUARE BASTARD				Z34MB	52	"	"								
V25	7	4.75	2.35	6"	80	dz. 6.15	ea. .25	METAL BOXES ONLY											
V26	7	2.50	1.25	8"	80	dz. 7.35	ea. .30	A2	20	2.40	1.20								
V27	7	.35	.15	10"	80	dz. 9.85	ea. .40	A3	20	1.35	.65								
V58	7	.65	.30	12"	80	dz. 13.60	ea. .55	AA2	30	38.00	19.00								
VS10	7	.65	.30	14"	80	dz. 18.55	ea. .75	AB	28	38.00	19.00								
VS12	7	.65	.30	ROUND BASTARD				B1	25	10.00	5.00								
W8	86	Discontinued		6"	80	dz. 4.75	ea. .20	BB1	26	25.00	12.50								
W8-1	86	"	"	8"	80	dz. 5.75	ea. .25	C	33	30.00	15.00								
W8-2	86	"	"	10"	80	dz. 7.50	ea. .30	CC	33	35.00	17.50								
W8-3	86	"	"	12"	80	dz. 9.85	ea. .40	D	18	2.10	1.05								
W8-4	86	"	"	14"	80	dz. 12.95	ea. .55	D2	19	Discontinued									
W8-5	86	"	"	HALF-ROUND BASTARD				D3	19	2.60	1.30								
W8-6	86	"	"	6"	80	dz. 6.15	ea. .25	DB3	99	Discontinued									
WO3	86	.70	.35	8"	80	dz. 7.35	ea. .30	FB4	99	"	"								
WO4	86	.75	.35	10"	80	dz. 9.85	ea. .40	FB5	100	"	"								
WO6	86	.95	.45	12"	80	dz. 13.60	ea. .55	H	44	"	"								
WO8	86	1.25	.60	14"	80	dz. 18.55	ea. .75	HD	44	4.60	2.30								
WO10	86	1.45	.70	LEAD FLOAT OR WOOD				HD1	44	7.00	3.50								
WO15	86	Discontinued		12"	80	dz. 15.75	ea. .65	J1	24	10.00	5.00								
WP1	87	.70	.40	14"	80	dz. 21.35	ea. .90	K	37	Discontinued									
WP2	87	.70	.40	EXTRA-SLIM TAPER				MC1	27	25.00	12.50								
WP3	87	.85	.50	5"	80	dz. 3.35	ea. .15	RD1	23	Discontinued									
WP4	87	1.20	.70	6"	80	dz. 4.15	ea. .17	RH	21	12.00	6.00								
X29	45	3.10	1.55	8"	80	dz. 5.00	ea. .25	RS1	23	8.00	4.00								
X30	45	4.50	2.25	10"	80	dz. 6.00	ea. .35	TD4	13	9.00	4.50								
X31	45	2.00	1.00	12"	80	dz. 7.50	ea. .50	TD5	14	10.00	5.00								
X32	45	3.80	1.90	14"	80	dz. 9.00	ea. .65	TD6	15	9.00	4.50								
X33	45	4.00	2.00	POINT FILE				TD10	12	2.00	1.00								
X46	45	2.80	1.40	5 3/8"	80	dz. 1.50	ea. .10	TD11	13	2.00	1.00								
X48	45	3.40	1.70	FILE HANDLES				TD12	12	3.30	1.65								
X52	45	3.80	1.90	Small	80	.10	.05	V50	8	1.45	.70								
X58	45	6.00	3.00	Medium	80	.10	.05	V51	8	1.45	.70								
X60	45	6.00	3.00	Large	80	.10	.05	V52	8	1.70	.85								
X64	45	7.00	3.50																
X65	45	8.00	4.00																
X72	45	8.50	4.25																
X74	45	Discontinued																	
X76	45	10.00	5.00																
X78	45	12.10	6.05																
X80	45	13.40	6.70																
X82	45	15.00	7.50																
X84	45	17.50	8.75																
X86	45	Discontinued																	
X88	45	33.00	16.50																
X94	45	34.00	17.00																
X100	45	36.00	18.00																
Z2814	48	1.85	.90																
Z2816	48	1.95	.95																
Z2818	48	2.10	1.05																
Z2820	48	2.25	1.10																
Z2822	48	2.35	1.15																
Z2824	48	2.50	1.25																
Z2825	48	Discontinued																	
Z2826	48	"	"																
Z2828	48	"	"																
Z2830	48	"	"																
STILLSON WRENCHES																			
6"	82	1.35	.65																
8"	82	1.55	.75																
10"	82	2.00	1.00																
14"	82	2.70	1.35																
18"	82	3.85	1.90																
24"	82	6.65	3.30																
36"	82	15.00	7.50																
48"	82	22.70	11.35																
AUTO WRENCHES																			
9"	83	Discontinued																	
11"	83	"	"																
WHEEL PULLERS																			
5/8-18	74	.50	.25																
3/4-16	74	.50	.25																
3/4-20	74	.50	.25																
1 1/16-16	74	.50	.25																
1 1/8-14	74	.50	.25																

April 1946

List and Dealer Net Prices Applying to Catalog No. 46J

Refer to February 1946 Price List of Catalog No. 43—Form 2134B

and

THE FOLLOWING PRICES NOT SHOWN IN CATALOG NO. 43

PRICES IN EFFECT MARCH 1942

ALL LIST PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

BONNEY FORGE & TOOL WORKS
ALLENTOWN, PA.

Tool Number and Description	Catalog Page	List Price	Dealer Net
1037A Open End Wrench	9	\$ 4.70	\$ 2.35
1039A " " "	9	7.35	3.65
2803 Box Wrench	7	1.30	.65
2806C " "	7	1.55	.75
2808A " "	7	2.00	1.00
2815B " "	7	11.00	5.50
2880 Manifold & Starter Wrench	10	2.40	1.20
2889 Box Wrench	7	1.40	.70
2892C " "	7	1.75	.85
2894C " "	7	2.35	1.15
A12 Socket	3	.90	.45
A34 "	3	1.55	.75
A36 "	3	1.70	.85
A38 "	3	1.85	.90
A40 "	3	1.85	.90
HD58 "	5	5.80	2.90
LT12 "	2	1.00	.50
TS12 "	2	1.10	.55
27 Wrench Set in cardboard box	9	11.20	5.05
27 " " " Leatherette roll	9	12.65	5.70
29A " " " cardboard box	7	4.25	1.90
29A " " " Leatherette roll	7	5.25	2.35
39A " " " cardboard box	7	13.35	6.00
FB7 Set in metal box	16	62.95	28.35